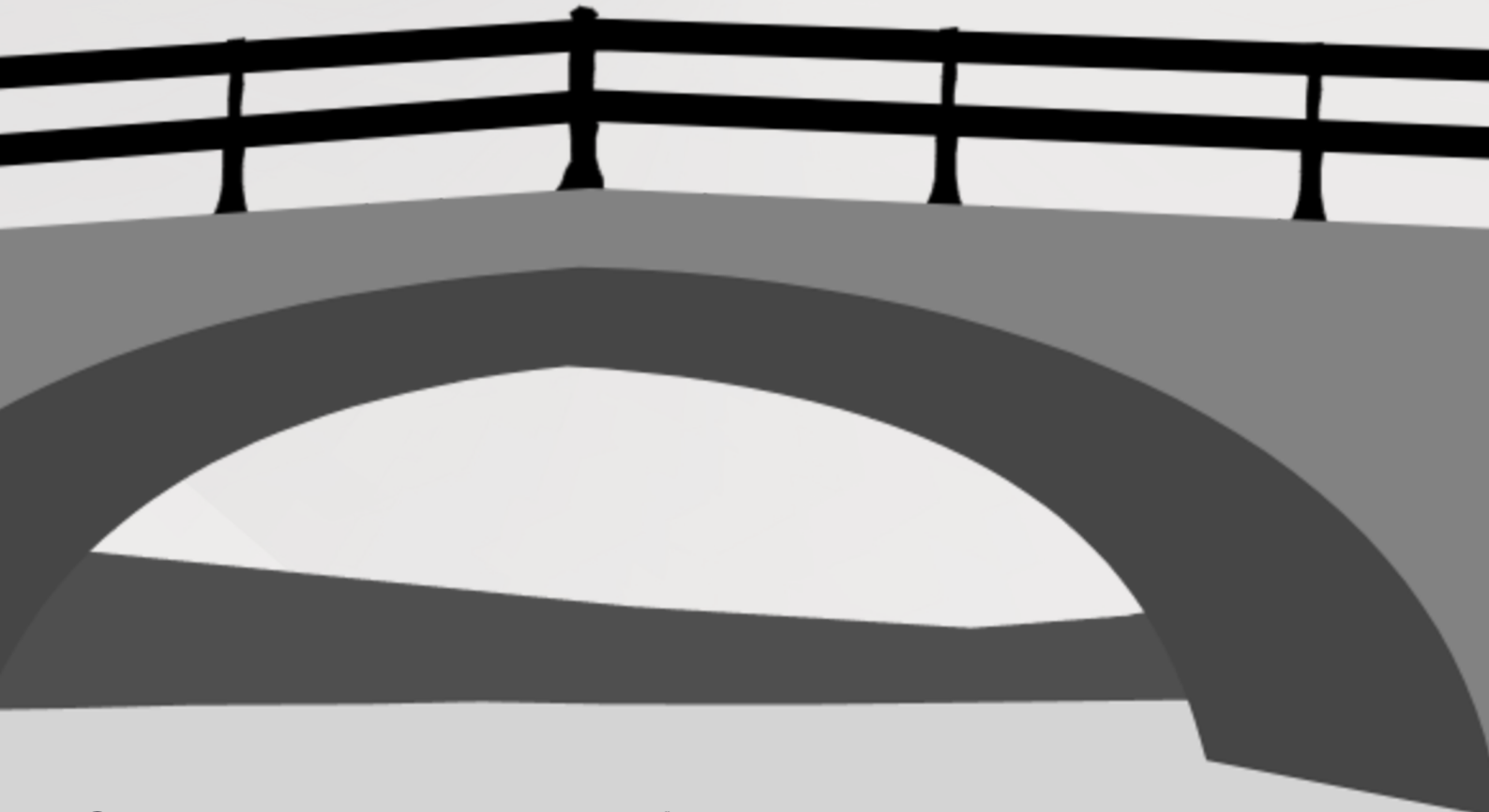


# Lance Russell

Software Engineer Portfolio

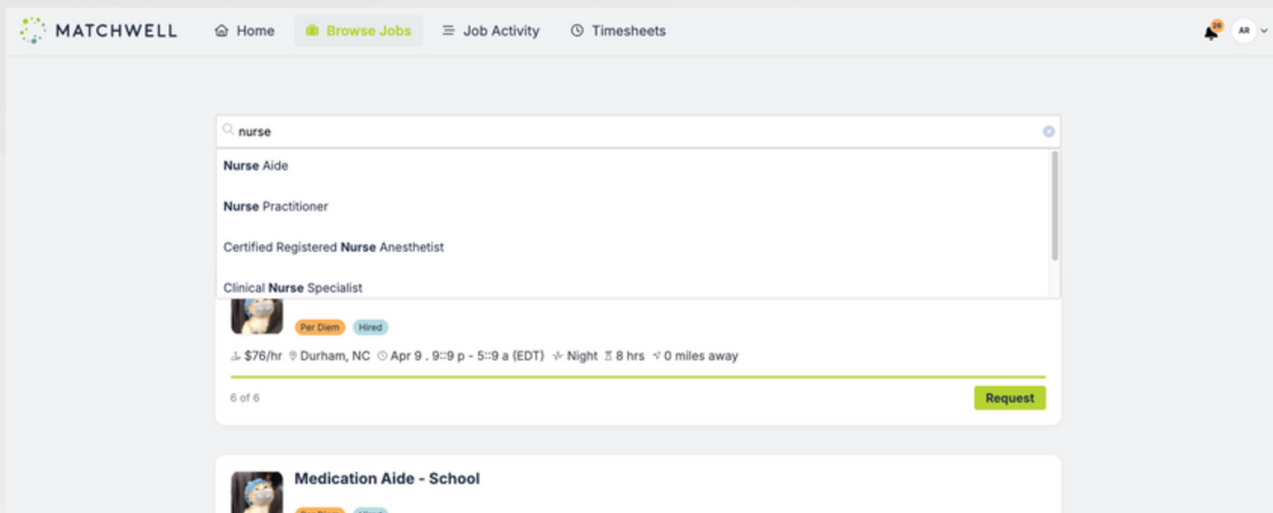


# Full Stack Development

## SQL Queries

```
CREATE OR REPLACE FUNCTION salesforce.autocomplete_search(search_term text, candidate_id uuid)
RETURNS SETOF salesforce.autocomplete
LANGUAGE sql
STABLE
AS $function$
SELECT return_text, return_type, return_id
FROM (
    SELECT
        title as return_text,
        search_text.return_type,
        search_text.return_id,
        ROW_NUMBER() OVER (PARTITION BY lower(title) ORDER BY sort_order) AS row_number
    FROM (
        SELECT DISTINCT d.search_vector, name as title, value as description, 'discipline' as return_type, discipline_id
        as return_id, 0 as sort_order
        FROM salesforce.discipline d
        UNION ALL
        SELECT DISTINCT ss.search_vector, long_name as title, short_name as description, 'specialty', id as return_id, 1
        as sort_order
        FROM salesforce.specialty_setting ss
        UNION ALL
        SELECT DISTINCT a.search_vector, a.name, mmp_facility_name__c, 'facility', mmp_account_id__c, 2
        FROM salesforce.account a
        left join salesforce.trhc_job__c j on j.trhc_account_lookup__r__mmp_account_id__c = a.mmp_account_id__c and
        j.mmp_record_type_devname__c = 'Job_Template'
        left join salesforce.trhc_job_applicant__c ja on ja.trhc_job__r__mmp_job_id__c = j.mmp_job_id__c and
        ja.trhc_candidate_lookup__r__mmp_contact_id__c = candidate_id
        where (case
            -- If job is open, show the associated account
            when j.trhc_stage__c = 'Open' then true
            -- If job is not hiring, show the associated account if the candidate is active and has applications in
            one of the following stages
            when j.trhc_stage__c = 'Not Hiring' then
                not ja.mmp_inactive_application__c and
                ja.trhc_stage__c in (
                    'Hired',
                    'Onboarding',
                    'Pool: Waitlist',
                    'Pool: Pre-Vetting: Other',
                    'Submitted to Hiring Manager'
                )
            -- Otherwise, don't show it
            else false
            end
        )
    ) as search_text
    WHERE
        search_vector @@ plainto_tsquery('english', concat(replace(trim(search_term), ' ', '&'),':*'))
    ORDER BY sort_order ASC,
        ts_rank(search_vector, plainto_tsquery('english', concat(replace(trim(search_term), ' ', '&'),':*')))
        + ((title ~* trim(search_term))::int * 0.2) -- title matches whole search term
        + ((description ~* trim(search_term))::int * 0.2) -- description matches whole search term
        + ((title ~* concat('^', trim(search_term))::int * 0.1) --Small bonus if search term is first word
        + ((description ~* concat('^', trim(search_term))::int * 0.1) --Small bonus if search term is first word
    DESC) as a
    WHERE a.row_number = 1
    LIMIT 5;
$function$
```

## Frontend



# GraphQL

```
query WorkSearchScreen(
  $latitude: Float!
  $longitude: Float!
  $distance: Int
  $candidateId: uuid!
  $payRateLow: numeric
  $payRateHigh: numeric
  $startDate: date
  $shiftTypes: [String!]
  $workTypes: [String!]
  $facilityId: uuid
  $limit: Int!
  $state: String
  $searchTerm: String
  $selectedWorkId: uuid
  $specialtyOrSettingId: uuid
  $sortBy: sort_options
) {
  work: salesforce_search_open_work_near_point_aggregate(
    args: {
      latitude: $latitude
      longitude: $longitude
      distance_miles: $distance
      candidateId: $candidateId
      state: $state
      search_term: $searchTerm
      selected_work_id: $selectedWorkId
      sort_by: $sortBy
    }
    where: {
      start_date: { _gte: $startDate }
      pay_rate: { _gte: $payRateLow, _lte: $payRateHigh }
      shift_type: { _in: $shiftTypes }
      work_type: { _in: $workTypes }
      position: {
        trhc_account_lookup_r_mmp_account_id__c: {
          _eq: $facilityId
        }
      }
      _or: [
        { position: { specialty_id: { _eq: $specialtyOrSettingId } } }
        { position: {
            account: {
              facility_setting_id: { _eq: $specialtyOrSettingId }
            }
          }
        }
      ]
    }
    limit: $limit
  ) {
    aggregate {
      count
    }
    nodes {
      ...WorkSearchDetails
    }
  }
  total_shifts_and_contracts: salesforce_search_open_work_near_point_aggregate(
    args: {
      latitude: $latitude
      longitude: $longitude
      distance_miles: $distance
      candidateId: $candidateId
      state: $state
      search_term: $searchTerm
    }
    where: {
      start_date: { _gte: $startDate }
      pay_rate: { _gte: $payRateLow, _lte: $payRateHigh }
      shift_type: { _in: $shiftTypes }
      work_type: { _in: $workTypes }
      position: {
        trhc_account_lookup_r_mmp_account_id__c: {
          _eq: $facilityId
        }
      }
      _or: [
        { position: { specialty_id: { _eq: $specialtyOrSettingId } } }
        { position: {
            account: {
              facility_setting_id: { _eq: $specialtyOrSettingId }
            }
          }
        }
      ]
    }
    nodes {
      work_type
    }
  }
}
```



# Frontend

**MATCHWELL** Home Browse Jobs Job Activity Timesheets

Search: Nurse Aide

Openings 110 Corcoran Shift Job Type Facility Start Date Specialty Pay Rate Reset

22 matching results

**Nurse Aide - School**

Per Diem

\$83/hr Durham, NC Apr 10, 7:5 p - 5:5 a (EDT) Night 10 hrs 0 miles away

5 of 5 Join Facility →

**Nurse Aide - School**

Per Diem

\$83/hr Durham, NC Apr 12, 11:02p - 9:2 a (EDT) Night 10 hrs 0 miles away

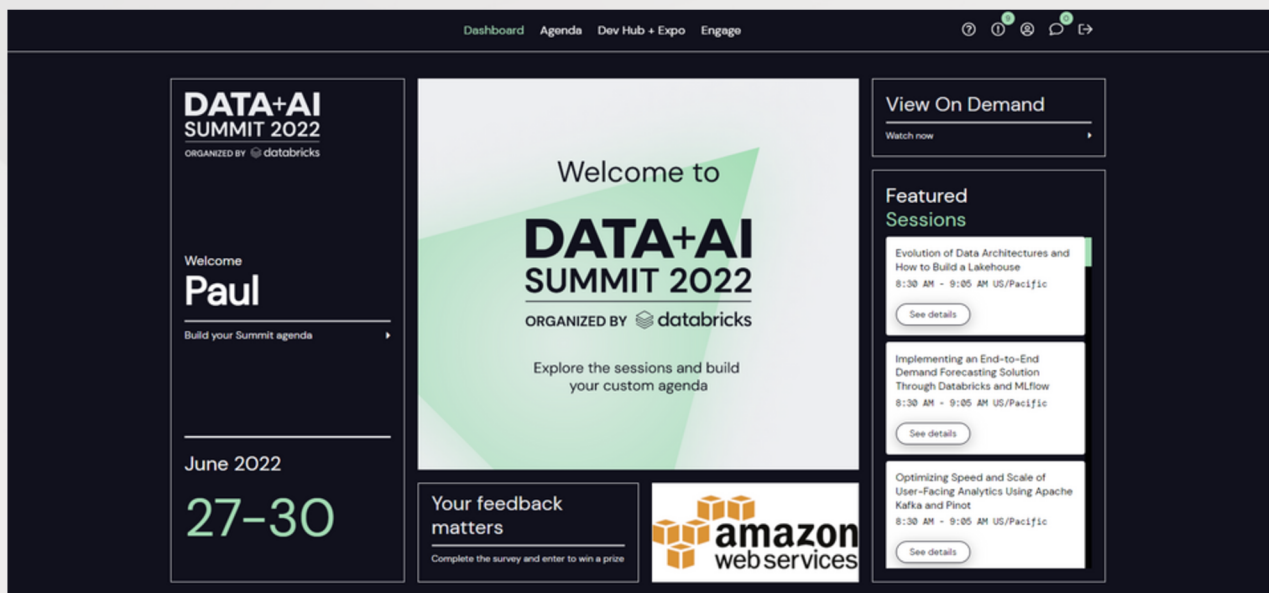
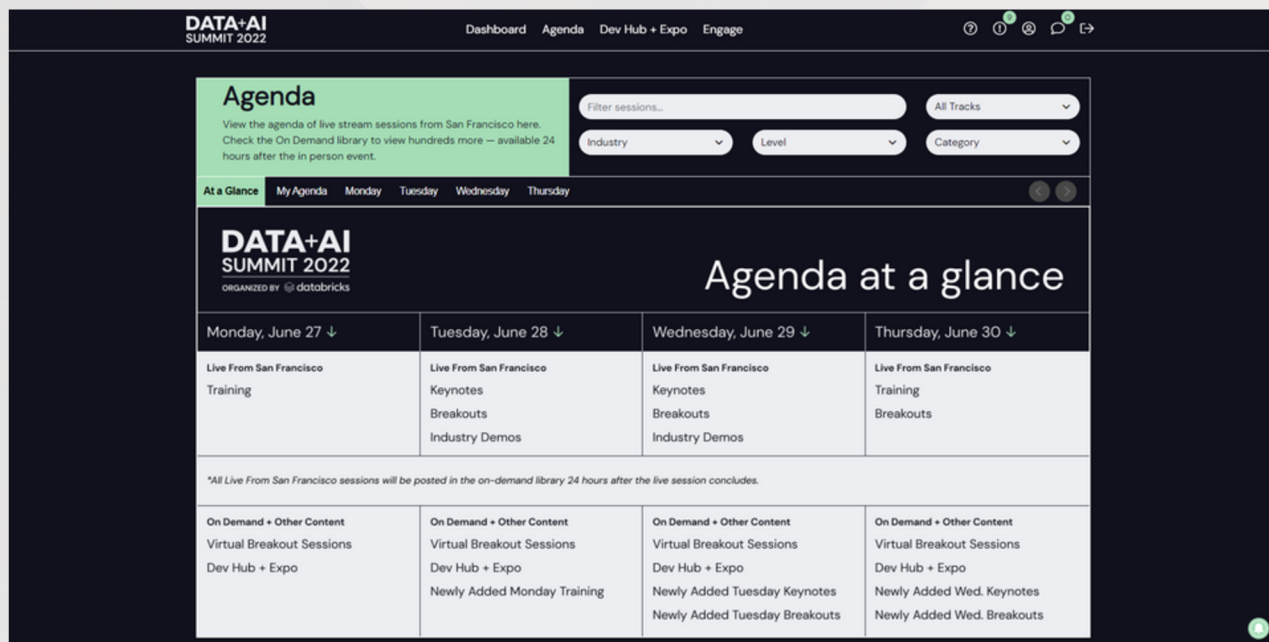
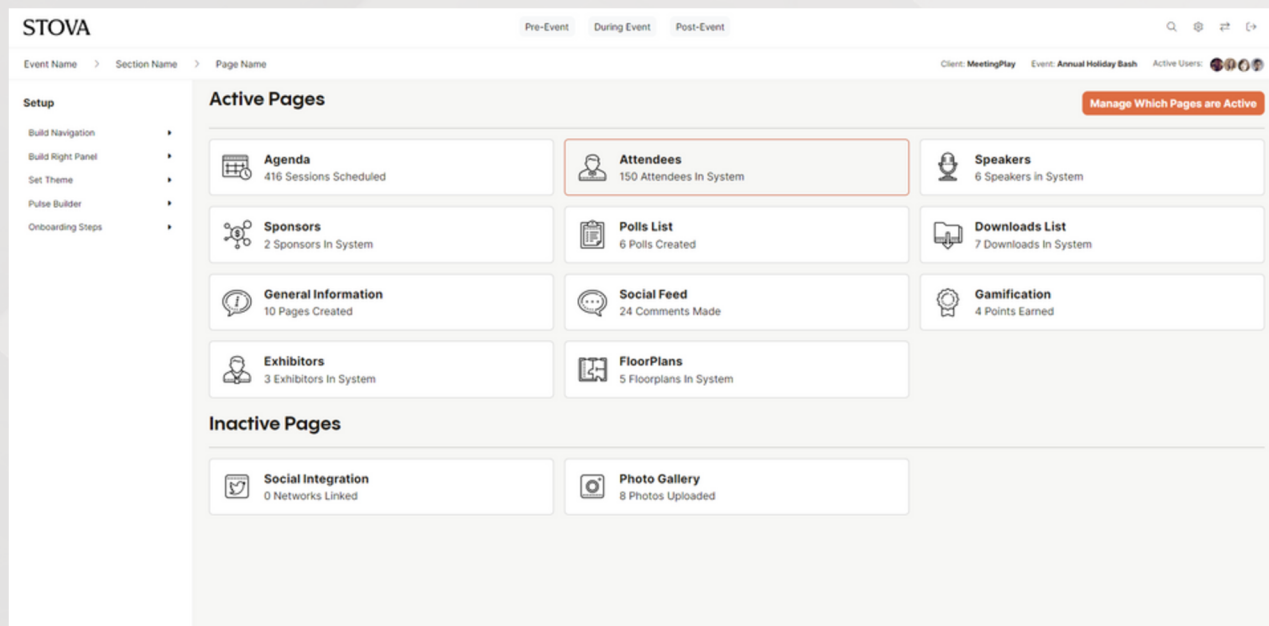
4 of 5 Join Facility →

**Nurse Aide - School**

Per Diem

\$83/hr Durham, NC Apr 12, 11:02p - 9:2 a (EDT) Night 10 hrs 0 miles away

# Intricate Frontend Development







**Emergency Preparedness:** Would you like to be contacted to assist in the case of an emergency situation in your surrounding area? (You can always change your response in your account settings)

Yes

No

Welcome, **Audie Rolfson**

### Profile Completion

75%

A fully complete profile dramatically improves your odds of landing the perfect job, and it won't take too long to complete.

☒ Add your Discipline☐ Add a Specialty

1 min

☒ Add a Resume☒ Apply to an Opening

### My Schedule

See all



APRIL 2025



#### Huntsville Hospital for Women & Children

Nurse Aide - Clinic Contract

Mar 17 - May 14

441.15 miles away



SUN	MON	TUE	WED	THU	FRI	SAT
30	31	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	1	2	3

### Job Activity

See all

### Explore New Jobs

See all

GRC

- Dashboard
- News
- About GRC
- Agenda
- Livestream
- VODs
- Ideadome
- Activities
- Slack Channel
- Assistance
- Log Out



# GLOBAL RIOT CONFERENCE

[Check out the latest VODs >](#)

Demoveo voco vel nostrud fringilla nimis orem ut. Nullam utinam sem virtus valetudo pala consetcuer a. Luptatum parturient distineo eligo dictumst eros. Sem nostra tempor acsi ne persto sagittis vehicula incassum ornare, Patria vehicula vel suscipere eum distineo. Sapien donec commoveo urna sapien commodo.

Ludus maecenas nostrud uxor praemitto. Platea appellatio pertineo fatua tum ornare proin esse. Tamen ac laoreet mi sociis vehicula. Usitas os vero quisque multo quisque vitae ad ludus. Lucidus nostra per aptent pretium autem. Consectetur vehicula capio natu refoveo capto.

# Responsive Layouts

## Log in to continue

Email

Email Address

Password

Password

Forgot password?

Privacy Policy

Meeting Play strives to respect your privacy. This Privacy Policy explains how we use and protect the information that is shared with us. The terms and conditions included apply to all users of Meeting Play and our services.

By using our technology, you are accepting the policies and practices we have described within. Meeting Play reserves

☐ I agree to the privacy policy.

☐ I agree to the terms.

LOGIN

Not registered? [Click here](#)

## Log in to continue

Email

Email Address

Password

Password

Forgot password?

Privacy Policy

Meeting Play strives to respect your privacy. This Privacy Policy explains how we use and protect the information that is shared with us. The terms and conditions included apply to all users of Meeting Play and our services.

By using our technology, you are accepting the policies and practices we have described within. Meeting Play reserves the right to change this policies at any time. Laws, regulations and industry standards evolve, which may make these necessary or

☐ I agree to the privacy policy.

☐ I agree to the terms.

LOGIN

Not registered? [Click here](#)

# EDA Summit 2022

## May 4, 2022

A virtual summit devoted to the advancement of event-driven architecture in business.

Organized by [Solace](#)

## MATCHWELL

Home Browse Jobs Job Activity Timesheets

Emergency Preparedness: Would you like to be contacted to assist in the case of an emergency situation in your surrounding area? (You can always change your response in your account settings)

Yes No

Welcome, Audie Rolfson

### Profile Completion

75%

A fully complete profile dramatically improves your odds of landing the perfect job, and it won't take too long to complete.

☒ Add your Discipline

☐ Add a Specialty

☒ Add a Resume

☒ Apply to an Opening

### My Schedule

See all

Huntsville Hospital for Women & Children

Nurse Aide - Clinic Contract

Mar 17 - May 14

441.15 miles away

SUN	MON	TUE	WED	THU	FRI	SAT
30	31	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	1	2	3

### Job Activity

See all

Explore New Jobs

## MATCHWELL

Welcome, Audie Rolfson

### My Schedule

See all

MON 07 TUE 08 WED 09 THU 10 FRI 11 SAT 12

Huntsville Hospital for Women & Children

Nurse Aide - Clinic Contract

Mar 17 - May 14

441.15 miles away

### Job Activity

See all

Jobs Invitations Applications Recent

Huntsville Hospital for Women & Children

Social Worker - Clinic

Per Diem

Varied \$24/hr - \$63/hr

Hired on February 26, 2025

# White labeling Initiative

Developed from scratch a system of white labeling that allows for custom theming throughout the entire app

Search Candidates

List Current Department Position Shift Type Open Fulfilled Pending Invites Pending Requests Reset Create Shifts

Showing 50 of 320 Shifts Bulk Cancellation

Position	Pay Rate	Date	Shift Times	Needs	Invites	Requests	Scheduled
<input type="checkbox"/> Counselor BC Regional	\$30.00	4/07/25	11:46 AM - 5:46 PM	01	0	0	0
<input type="checkbox"/> Mental Health Technician BC Regional	\$35.00	4/07/25	11:49 AM - 11:49 PM	03	0	0	0
<input type="checkbox"/> Occupational Therapist BC Regional	\$78.00	4/07/25	12:04 PM - 10:04 PM	03	0	0	0
<input type="checkbox"/> Chiropractor BC Regional	\$24.00	4/07/25	12:08 PM - 12:08 AM	01	0	0	0
<input type="checkbox"/> Mental Health Technician BC Regional	\$20.00	4/07/25	12:24 PM - 6:24 PM	01	0	0	0
<input type="checkbox"/> Counselor BC Regional	\$65.00	4/07/25	12:29 PM - 10:29 PM	02	0	0	0
<input type="checkbox"/> Registered Nurse BC Regional	\$25.00	4/07/25	12:37 PM - 8:37 PM	02	0	0	0

MATCHWELL

Welcome, Audie Rolfson

My Schedule See all

MON 07 TUE 08 WED 09 THU 10 FRI 11 SAT 12

Huntsville Hospital for Women & Children  
Nurse Aide - Clinic Contract

Mar 17 - May 14  
441.15 miles away

Job Activity See all

Jobs Invitations 4 Applications Recent

Huntsville Hospital for Women & Children  
Social Worker - Clinic Per Diem

Varied \$24/hr - \$63/hr  
Hired on February 26, 2025

FLEXPATH

Powered by Matchwell

Welcome, Audie Rolfson

My Schedule See all

MON 07 TUE 08 WED 09 THU 10 FRI 11 SAT 12

MatchFlex Durham  
Nurse Aide - Healthcare Contract

Mar 26 - May 5  
0 miles away

Job Activity See all

Jobs Invitations 4 Recent

MatchFlex Durham  
PT - Healthcare Per Diem

Varied \$89/hr - \$94/hr  
Hired on March 13, 2025

FLEXPATH

Powered by Matchwell

Search Candidates

List Current Department Position Shift Type Open Fulfilled Pending Invites Pending Requests Reset Create Shifts

Showing 50 of 410 Shifts Bulk Cancellation

Position	Pay Rate	Date	Shift Times	Needs	Invites	Requests	Scheduled
<input type="checkbox"/> Social Worker MatchFlex Durham	\$33.00	4/07/25	11:37 AM - 5:37 PM	02	0	0	0
<input type="checkbox"/> Nurse Aide MatchFlex Durham	\$34.00	4/07/25	11:39 AM - 7:39 PM	01	0	0	0
<input type="checkbox"/> Mental Health Technician MatchFlex Durham	\$21.00	4/07/25	11:47 AM - 9:47 PM	02	0	0	0
<input type="checkbox"/> Physical Therapist MatchFlex Durham	\$54.00	4/07/25	12:05 PM - 10:05 PM	02	0	0	0
<input type="checkbox"/> Occupational Therapist MatchFlex Durham	\$62.00	4/07/25	12:19 PM - 10:19 PM	01	0	0	0
<input type="checkbox"/> Mental Health Technician MatchFlex Durham	\$74.00	4/07/25	12:21 PM - 6:21 PM	01	0	0	0

## **Selected Quotes from my most recent performance review.**

**“From day one, you’ve shown an ability to jump into complex technical challenges and handle them with care and efficiency. You’ve been a constant presence in high - impact areas. Your contributions have directly supported the platform’s stability, performance and evolution in meaningful ways.”**

**“Lance, I completely agree - the product is in a much stronger, more versatile place today, and your contributions have been part of making that happen. The areas you operate in, deep technical implementation and foundational architectural work, aren’t always the most visible, but they’re absolutely essential. Not many folks lean into that space the way you do, and the value you bring because of it is significant.”**