# Sinecure
# Employee Referral Software
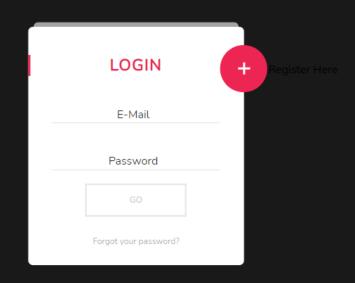
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## Team: Ctrl Alt Elite

Presenters: Catherine Huang,  Ben Scott, Chris Barry, Sebastian Monzon and Eshan Satav

# App Purpose

Serves as a platform where:

- Managers can create job listings

- Employees can refer people for jobs

- People can search through the job listings based on salary/experience preferences they input

# LOGIC

Register Here

E-Mail

Password

GO

Forgot your password?

# Frontend Features

- Each page has the logo, user account avatar, and page name (jobsfeed, new listing, refer candidate) displayed at the top
- Jobs-feed page
  - Use filters, sliders, and the search bar to specify jobs when you're searching in the jobs-feed page
- Can refer candidates for specific jobs and input their information
- New listing page:
  - Managers can provide yearly salary, min years of experience required, and a job description

All Listings

Search listings

Logout  GA

## Job Filters

**Salary**

**Experience**

**Job type**

- Finance
- Management
- Engineering
- Development
- Test
- Sales

### Boss's Nephew III

This position is a sinecure for my favorite nephew. Some call it nepotism, but I say what's the point of making money if you can't shower it on your friends and relatives? Happy birthday Kevin!

#Software-developer, #Skilled

Posted on 9/29/2021

### Site Reliability Engineer

abcdefg

#Software-developer, #Skilled

Posted on 10/20/2021

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## Refer a candidate for:

### Boss's Nephew III

first name

last name

email

phone number

Why is this candidate a good fit for this role? (max. 500 characters)

Submit

+

# Job Feed
**Manager**

## Job Filters

**Salary**

**Experience**

**Job type**

- ☐ Finance
- ☐ Management
- ☐ Engineering
- ☐ Development
- ☐ Test
- ☐ Sales

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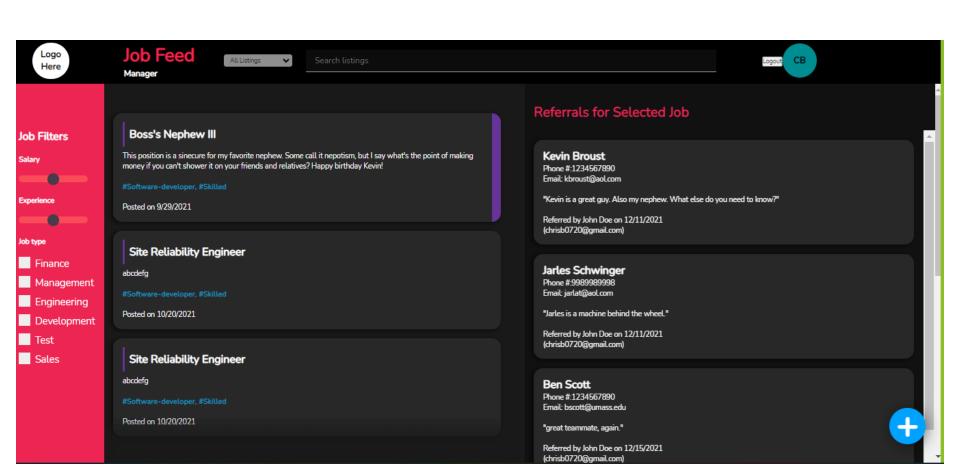
Posted on 10/20/2021

## Referrals for Selected Job

**Kevin Broust**
Phone #:1234567890
Email: kbroust@aol.com

"Kevin is a great guy. Also my nephew. What else do you need to know?"

Referred by John Doe on 12/11/2021
(chrisb0720@gmail.com)

**Jarles Schwinger**
Phone #:9989989998
Email: jarlat@aol.com

"Jarles is a machine behind the wheel."

Referred by John Doe on 12/11/2021
(chrisb0720@gmail.com)

**Ben Scott**
Phone #:1234567890
Email: bscott@umass.edu

"great teammate, again."

Referred by John Doe on 12/15/2021
(chrisb0720@gmail.com)

# Backend Features

- Query database using pg JavaScript library
  - Added utility functions for ease-of-access to create API endpoints.
- Working authentication using JSON Web Tokens (JWT)
  - Verifies login by comparing hashed password stored in database.
  - Useful to verify if the user is a manager for any API call
- API Endpoints
  - Performs all CRUD operations for users, referrals, and positions
  - Some require manager priority (GET Referrals, POST Referrals)

# Demo

# Future/Partially Implemented Features

- Existing profile page component on frontend and completed user stats API endpoints but not integrated.

- Working Sliders and filters on jobs feed

- Being able to delete positions or referrals (API endpoints implemented)

- Search by tags

- Being able to register new users/companies and forgot my password

# Thanks!

Are there any questions?