

## Project Description

Jobque.ai is an AI-powered job search platform that automatically scans company career pages and delivers real-time alerts for new, relevant job openings.



## Customer Archetype

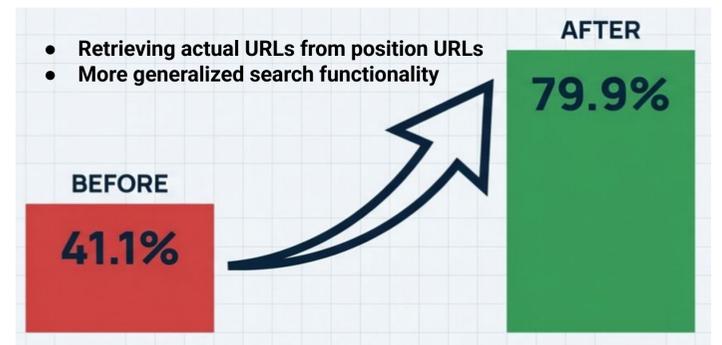
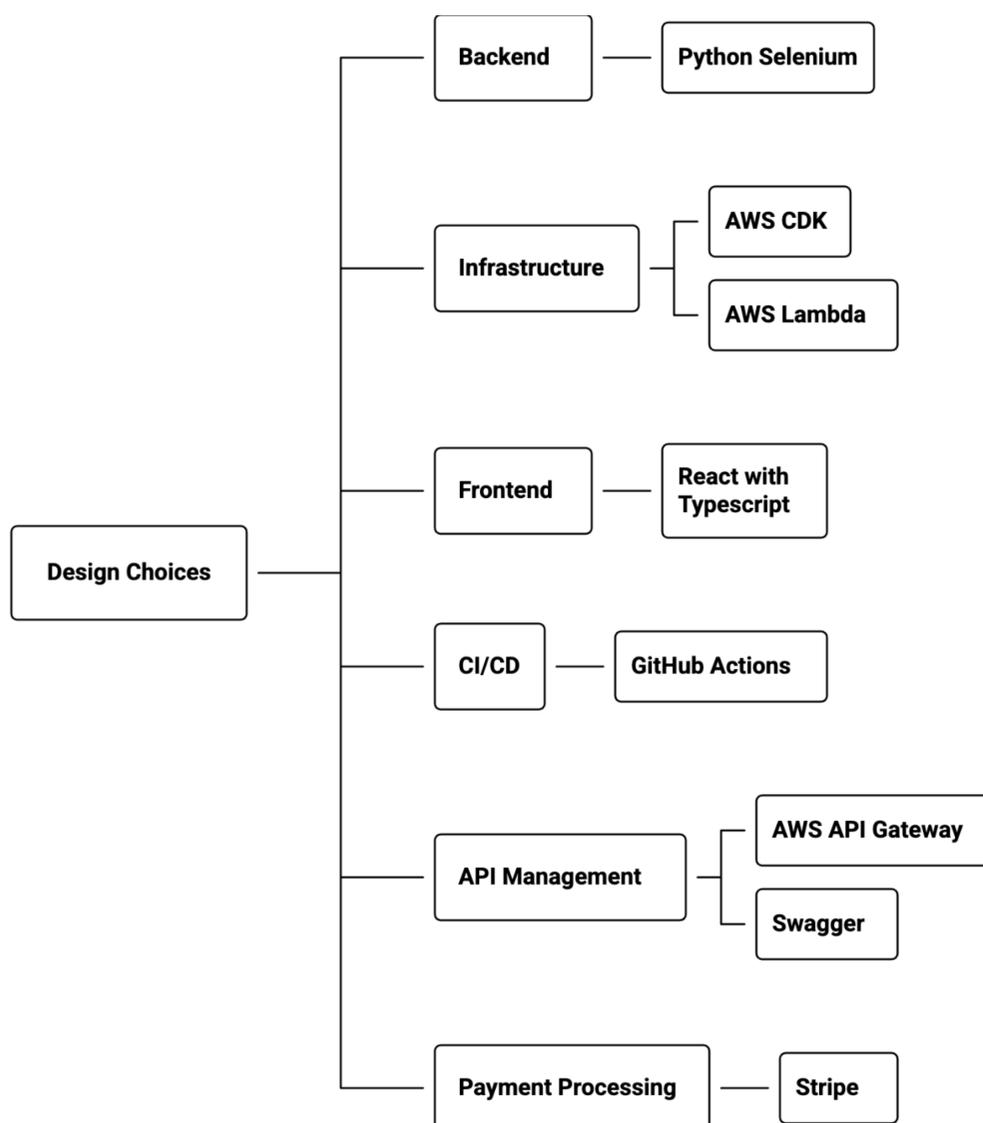
- Students
- New Graduates
- People seeking Employment

## Results

- Built lower development environment from scratch using AWS CDK
- Automated deployments via GitHub Actions CI/CD pipeline
- Integrated Stripe payment processing for subscription plans and added promo codes.
- Created API endpoints for Chrome extension data storage
- Redesigned database schema for job posting URLs and metadata
- Designed dynamic email templates for customer retention
- Provided technical support to QTM and Jobque frontend team
- Refactored the search functionality to improve success rate from 41.1 % to 79.9%

## Future Improvements

- Further refine search functionality
- Add a database of known companies
- Potential implementation of searching by company name instead of URL



## Lessons Learned

- Always thoroughly test locally before deploying
- Just because it works doesn't mean it's economical
- Make it work, make it fast, make it pretty in that order



**TRY IT OUT**

## Team Members and Sponsor

**CSE Team:** Anshul Kamble, Aryan Khanna, Manas Gowda, Shaashvat Mittal, Nicholas Hoekstra  
**Sponsor:** Aakash Patel

## Project Video

