

Junaid Maknojia Student

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SKILLS

React, Redux, Python, Javascript, Java, C++, HTML5, CSS3, SQL, PostgreSQL, Docker, REST APIs, WebSocket API, AWS S3, Sequelize, SQLAlchemy, Big-O Analysis, Git, Adobe Creative Suite, Autodesk Modeling Suite, SolidWorks, Arduino IDE

PROJECTS

Horizons (ReactJS, Python, PostgreSQL)

[live](#) | [github](#)

A web app that connects users to mentors subscribed to specific soft skills

- Refined user profile data storage to use AWS services for photos and ensure application scalability
- Upgraded user authentication to a 3-legged authorization with LinkedIn and Google to retrieve user data
- Designed Docker container to cache installation packages and reduce dyno lag in production

Snack (ReactJS, Python, PostgreSQL)

[live](#) | [github](#)

Slack clone with channels and group DM features

- Virtually collaborated with a cross-functional team of four across the country to design a backend and frontend framework and determined an optimal workflow
- Customized a query algorithm to parse nested arrays for boolean result, avoiding $O(n^2)$ race condition
- Experimented with Flexbox / Grid combinations to replicate Slack channel + users list with dynamic button rendering
- Incorporated Socket-IO integration with Flask to adapt to Slack DM and Channel messaging and user experience criteria

Mach1Harmony (ReactJS, Express.js, PostgreSQL)

[live](#) | [github](#)

SoundCloud clone using ReactJS and AWS for song storage

- Utilized Agile process to design a music playing application and test for continuous song playback throughout app
- Subscribed to AWS S3 storage services for audio and user image uploads and safely stored links in database
- Designed social feature between users including song likes, song comments CRUD, and user following/followers
- Optimized search feature to return song, album, artist, and/or user that matches any permutation of search term

Mediumverse (HTML/CSS, Express.js, PostgreSQL)

[live](#) | [github](#)

Medium clone based in a Marvel Universe

- Performed custom joins table query between users to users table to create a follower/following feature
- Explored Multer package for image file upload from Pug frontend to Express backend into local storage
- Implemented article and comment like feature with dynamic rendering from JS script and backend response
- Pair-programmed with peer to debug social and comment like feature using HTML element property optimization

EXPERIENCE

Sales Associate

JD / Finish Line

Jan 2020 - Dec 2020

- Advised an average of 50 customers a day on apparel needs using technical factors for over 900 products
- Assisted customers' product needs while multitasking with outgoing shipment and completing inventory
- Thoroughly learned company's product offerings and contribute to an increase in weekly sales
- Assumed managerial responsibilities after Covid-19 reopening to restore premium store operation

Engineering Trainee

Omron Automation Americas

Jan - May 2019

- Designed and 3D-modeled an end-defector for a seal pick and place application using Fusion 360
- Programmed Omron PLC's with Sysmac Studio using ladder logics to input safety devices
- Conducted competitive market analysis on mobile robots on over 50 robots by 25 companies
- Programmed 6-axis Adept Robot to perform a PNP engine components application for client
- Optimized TM collaborative robot's vision detection system for future PNP applications at demos

Operations Associate

CardinalHire

July - December 2018

- Managed a team of 15 recruiters to ensure metrics were met and helped the startup flow
- Initiated training project for remote new hires reducing onboarding delay and proper recruiter education
- Collaborated with marketing team to create email content and structure for outreach and recruitment

VOLUNTEER

Junior Board Member

Positive Life Kenya

June 2016 - Present

- Brainstormed exercises and activities to be used for weekly women's therapy program
- Assisted mothers in attaining basic education and craftsman skills to translate into careers
- Collaborate with volunteers across the globe to create marketing material and fundraise for local projects
- Generated a case study to be presented for the Global Poverty and Practice Minor and Blum Center

EDUCATION

Web Development - *App Academy* | *Spring 2021*

- 3% acceptance rate, 1000+ hours

BS Mechanical Engineering - *University of California, Berkeley* | *2014 - 2018*

- *Minor: Global Poverty and Practice*