

VEERKARAN SINGH

(248) 841-0160

vsdev97@gmail.com

[PORTFOLIO](#)

[GITHUB](#)

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SKILLS

JavaScript | Python | Java | React | Redux | Express | Flask | AWS S3 | CSS3 | PostgreSQL | HTML5 | Git | MySQL | TDD

EXPERIENCE

Dext - Senior Software Engineer

Jul 2021 - Present

- Architected and implemented an entitlements object, a billing plan rank system enumerator, and 'Activate Subscription' and 'Upgrade Subscription' modals using **Java**, **Redux**, and **React** to confirm if a user is entitled to certain features and prompt them with a modal if not which led to an increase of overall sales
- Decreased the number of support tickets by engineering a self-service feature in **Java** and **React** for users to schedule and export their filtered transactions from multiple ecommerce accounts to their accounting bookkeeping account
- Collaborated with the Technical Director, Product Director, and UX Designer on design decisions and core **React components** for major features and design upgrades
- Conducted **deployments** to staging and production environments, ensuring smooth transitions while actively performing **QA** testing; conducted thorough **code reviews** for multiple engineers to maintain code quality and adherence to best practices
- Implemented user data tracking with **Segment** to improve marketing resulting in an increased overall sales
- Enhanced the CSV generator by introducing support for custom fields, refining the user interface for a more intuitive experience, and expanding the capacity to export a larger volume of transactions
- Identified pain points in the Engineering Onboarding process, escalated and self-initiated an upgrade by contributing and writing **Engineering Onboarding Documentation** for the application, developer process, and technical tools
- Wrote meaningful documentation for new features and recorded feature demonstrations for users and the sales team
- Developed telemetry with the Sr Dev Ops Engineer to monitor the Auto Export feature using **Prometheus**
- Conducted initial interviews for software engineer candidates and aided with **onboarding** for new hires

United States Marine Corps. - Senior Transmission Operator/Recruiter's Assistant

Aug 2015 - Aug 2021

- Utilized spectrum analyzing tools, specialized computer hardware/software programs, and transmission security (**TRANSEC**) and communications security (**COMSEC**) protocols to maintain secure and efficient communication networks
- Mentored and counseled a team of **4** regarding professional development, leadership, finances, and troubleshooting
- Trained new employees to maintain, troubleshoot, and inventory communications equipment valued > **\$1.5** million
- Performed maintenance and troubleshooting procedures on **100+** communication assets and programmed them for effective communication throughout mission success
- Developed and delivered **technical training sessions** for team members, enhancing their skills in communication asset maintenance and troubleshooting

PROJECTS

Musicflix (React, Redux, Flask)

[github](#)

A full stack clone of Netflix where users can watch, review, and save music videos.

- Created a custom search feature using **Flask** where a user can search and the input can take various queries (title, artist, or genre) and the result will update in real-time on the input change
- Developed a modern front end design using multiple **React hooks** for an intuitive **UI / user experience**

SoundWave (React, Redux, Flask)

[github](#)

A full stack clone of SoundCloud where users can listen, upload, comment, and save songs.

- Created comments with Express and Redux with complete CRUD functionality for an enhanced user experience
- Optimized database storage for scalability by developing functionality to upload songs utilizing **AWS S3** and **Express**

EDUCATION

BS Computer Science - Oakland University

- **Activities and Societies** - Sigma Alpha Epsilon | Philanthropy & Recruitment Chair

App Academy - 1,000+ hour immersive software engineering program

- **Highlights** - Developed a space, via Slack, for military veterans in SWE | Created a community of 15 Engineers using Discord