VINOD KRISHNA SELPOL

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GitHub | Personal Website | Linkedin

EDUCATION

Masters in Computer Science   *Aug 2022 - May 2024*
Illinois Institute of Technology, Chicago, Illinois
Bachelors in Engineering   *Aug 2014 - Dec 2018*
Acharya Institute of Technology, Bangalore, India

WORK EXPERIENCE

Software Engineer - Northvolt, Stockholm, Sweden   *Dec 2019 - May 2022*
Tech Stack: ReactJS, Javascript, React Testing Library
- Using React and ES6 stack to develop the user interfaces of applications and reusable components.
- Engaged closely with cross-functional teams to translate high-level roadmap into feasible feature specification.
- Worked on client side security mitigation by implementing 3rd party libraries and also wrote in-house functions to sanitize the user inputs thereby helping the security to close ~10 high and ~20 medium to low priority security issues.
- Collaborated with a team of experienced engineers to develop an efficient solution for a feature to remind users frequently to link their services.
- Wrote unit test cases in React Testing Library for the core components which were shared among different teams.
- Participated in code reviews and ensured that all solutions are aligned to predefined design specifications.
- Assisted in breaking up tasks into subtasks in SCRUM meetings and also technical documentation.
- Actively involved in conducting bug bounty and also fixing ~4 bugs per weeks from bugs backlog.
- Mentored and trained the junior devs to ramp-up the codebase.

Software Engineer Intern - Einride, Stockholm, Sweden   *May 2019 - Nov 2019*
Tech Stack: Javascript, ReactJS
- Developed and implemented frontend architecture to support user interfaces using ReactJS and Typescript.
- Wrote unit tests in jests and improved the test coverage by ~2%.
- Optimized and refactored the code in the application workflow and reduced the redundancy.

TECHNICAL SKILLS

- **Programming -** Javascript, Python, C++ || **Database** - SQL, MongoDB
- **Web Dev and Frameworks** - HTML5, CSS, Bootstrap, ReactJS, NextJS, NodeJS
- **Familiar with** - Git, AWS, Android, Figma, Material UI, Firebase, React Testing Library, Postman

PROJECTS

Amazon Store - *ReactJS, NodeJS, ExpressJS, Firebase* (xenodochial-shockley-5a37db.netlify.app)
- Created amazon store app for learning purpose, it has the functionality to add and remove items from the basket, and checkout page with Stripe Payment API to complete the payment.

Covid Tracker - *ReactJS, MaterialUI (*https://covid-19-tracker-e6390.firebaseapp.com/*)*
- Covid tracker displaying real time covid data build using React JS for better understanding of Context API, hooks and functional components. Used chartJS and leaflet for interactive data visualization.

Airbnb Frontend - *ReactJS, MaterialUI (*https://5face8f17f547a60b4b561de--serene-poincare-012543.netlify.app/*)*
- Airbnb frontend clone built using ReactJS and MaterialUI for educational advancement.

Hulu Movies App - *ReactJS, Bootstrap, Firebase* (https://hulu-clone-d08a5.firebaseapp.com/)
- Hulu web-app which has functionality to filter movies based on preferences and fetches latest data from external APIs.

Stock Market App - *ReactJS, MaterialUI, Finhub API (*https://stock-marke-d8bf0.web.app/*)*
- Stock-Market app built using ReactJS displaying the real time stock data and also market news.

Twitter Frontend - *ReactJS, Bootstrap, Firebase*
- Twitter like React JS app which gives users the ability to perform CRUD operations.