VINOD KRISHNA SELPOL
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Personal Website | LinkedIn | GitHub

RELEVANT EXPERIENCE

Northvolt, Stockholm, Sweden   Dec 2019 - Nov 2021
Software Engineer: *ReactJS, Javascript, React Testing Library*
- Using React and ES6 stack to develop the user interfaces of applications and reusable components.
- Worked on migration from clojure templates to ReactJS.
- Engaged closely with cross-functional teams to translate high-level roadmap into feasible feature specification.
- Worked on client side security mitigation by gracefully 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 during internship.

Einride, Stockholm, Sweden   May 2019 - Oct 2019
Automation Intern: *Selenium Webdriver, Postman*
- Built and implemented automated regression testing for various systems using Selenium webdriver to mimic users actions.
- Validated JSON response using postman manually and used complex SQL queries to perform backend database testing.
- Update manual and automation test documents implementing new test process for the team.
- Develop test scripts using Jest and technical documentation for existing and new features.

SKILLS

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

PERSONAL PROJECTS (https://github.com/vinodselpol)

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 charts js 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.

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.
- Extensive use of charts using ChartJS library.

Twitter Frontend - *ReactJS, MaterialUI, Firebase*
- Twitter like React JS app which gives users the ability to perform CRUD operations.
- Used charts js and leaflet for interactive data visualization.

EDUCATION

University West   Nov 2020
Master's in Mechanical Engineering, Sweden

Acharya Institute of Technology   June 2018
Bachelor's in Aeronautical Engineering, Bangalore, India   .