Shereen Punnassery

linkedin.com/in/shereenp | 408 896 2401 | shereenp97@gmail.com | San Jose, California | Work Status: Green Card

PROFESSIONAL SUMMARY

I am a Software Engineer graduate with a logical and results-oriented approach, committed to designing, creating, and refining user-focused websites, and both frontend and backend applications. Judicious and creative when developing effective websites, apps, and platforms to drive revenue growth and competitive advantage. Analytical problem solver who is technically adept with composed and focused demeanor. Works well within the constructs of an agile development process unit testing, continuous build, and integration.

WORK EXPERIENCE

KellynKai | Software Engineer Intern| Campbell, CA   Jan 2023 - Oct 2023

- Developed and implemented 15+ core features to improve online language learning platforms using JavaScript, TypeScript, VueJS, NodeJS, Express.js and MongoDB in a startup environment.
- Engineered 'Class Material Page' utilizing JavaScript, TypeScript, NodeJS, Vue.js Axios and RESTful API which autoloaded PDF lesson plans for learning Mandarin Chinese for hundreds of students.
- Implemented search functionality for student names utilizing JavaScript, TypeScript, NodeJS, VueJS, MongoDB and RESTful API in Admin page to help admin reduce the time taken for looking up hundreds of student records.
- Designed and developed tutor payment and student billing features to support tutors and students to keep track of their fees.
- Increased site traffic by 30% by developing user-oriented visuals and features using front-end languages, including Vue.js and CSS.

PROFESSIONAL DEVELOPMENT

- Completed courses in Udemy and Coursera on core JavaScript and Python to improve my technical skills.
- Completed masters degree in Software Engineering in May, 2023 to sharpen my technical skills and to stay at the forefront of the technical industry.

ACADEMIC PROJECTS

Autonomous Vehicle Rental System | pshereen/AVRentals (github.com)   Dec 2021

Full-stack car rental web application as proof-of-concept for future autonomous car rental services.

- Designed and built a backend application to create, update, and delete records related to the 200+ rental cars using TypeScript, NodeJS, ExpressJS, ReactJS, and MySQL.
- Designed and implemented RESTful APIs for ensuring flawless communication between frontend and CARLA simulator thereby ensuring the application can support 100+ customers using TypeScript and Node.js.

StarbucksApp | pshereen/starbuckApp (github.com)   Apr 2021

Starbucks mobile application which helps in placing orders in Starbucks.

- Developed frontend application for Starbucks mobile application which helps to place orders in Starbucks using Java to help 100+ customers.
- Implemented orientation operations and touch input functionality using Java to change layout of the mobile application to support landscape and portrait mode which enhances UI experience for over 100 customers.
- Implemented design patterns like observer, command, state, decorator, and composite in Java following a test-driven development (TDD) approach using JUnit.

TECHNICAL SKILLS

- **Proficient:** JavaScript, TypeScript, Java, Python, NodeJS, Express, ReactJS, Vue.js, Vite, MySQL, MongoDB, CSS3, HTML5, GitHub, Kanban, Agile Methodology, Test Driven Development (TDD), RESTful APIs, VSCode, MVC, NPM, WebPack, JSON
- **Exposure:** C#, AWS, Docker, JUnit

EDUCATION

M.S. Software Engineering, *San Jose State University*
M.Sc. Information Technology, *Anna University*
B.Sc. Information Technology, *University of Calicut*