Neev Shah

602-904-3963 | neevshah1273@gmail.com | linkedin.com/in/neevshah1273 | github.com/neevshah1273

EDUCATION

Arizona State University — Tempe, AZ
Master of Science in Software Engineering — *August 2022 – May 2024*

Pandit Deendayal Energy University — Gandhinagar, India
Bachelors in Technology in Computer Science Engineering — *July 2018 – June 2022*

EXPERIENCE

Software Engineer — *June 2022 – Dec 2023*
Welcome Broker — *Remote*
- Engineered business management application, which included features such as order management, data analysis tools, and a notification system which resulted in the increase of the order accuracy rate from **75% to 99.96%**.
- Spearheaded the end-to-end development of a comprehensive application, overseeing project management, designing the software architecture, implementing code, and testing.
- Improved the response times by **90%** through implementation of Redis based caching mechanism.
- **Technologies: NodeJs, Flutter, MongoDB, Redis, Docker, AWS, Firebase Cloud Messaging.**

Software Developer Intern — *Jan 2022 – May 2022*
Apice Tech Pvt Ltd. — *Delhi, India*
- Programmed features like a project management tool, CI/CD flow management, and testing automation management in the back-end utilizing **Java** working on KaizIQ project, which resulted in the increase in the bug detection up to **70%**.
- Developed front-end screens for features like API Testing and automated Deployment using **ReactJS** & Integrated with REST APIs.
- **Technologies: ReactJs, Java, Docker, AWS, RabbitMQ, Oracle SQL.**

PROJECTS

Nomadic | *ReactJs, NodeJs, ExpressJs, MongoDB, Redux* — Github
- Designed, built, and deployed a **MERN** stack-based web application to store and explore travel blogs.
- Implemented email login using **JWT** and OAuth Google login for user authentication.
- Set up a database with MongoDB Atlas to store users, and blogs and implement its edit, upvote, and delete functionality.
- Utilized **Redux** for the state management.

Electchain | *Kotlin, Node.Js, Solidity, Metamask, Ropston Test Network* — Github / Demo
- Designed & Developed a blockchain-based E-Voting android application using **Kotlin**.
- Implemented features like proof of work-based secured voting transactions, as well as managing the registration, voting, and results, and other features like two-factor authentication.

CrimeLens | *NextJs, Java, Apache Jena Fuseki, D3.Js, SPARQL, OWL* — Demo
- Developed a data visualization dashboard which shows the various studies of crime in the US using **Next.Js** with **D3.Js** & integrated with **Java** based backend.
- Preprocessed the 3 datasets, prepared the ontology according to the datasets, created a Knowledge graph, hosted it on the Apache Jena Fuskei server, and ran the SPARQL queries to fetch open linked data from the Apache Jena.

CPU Scheduling Algorithm Visualization | *OS, Flutter* — Github
- Developed an application that calculates the process scheduling and visualizes the processes which include visualization with Gantt chart and second-wise visualization.
- It can handle a large number of processes and also perform various algorithms.

TECHNICAL SKILLS

Languages: C/C++, JavaScript, Python, Java, Dart, Solidity, SQL, Kotlin
Technologies: React Js, Node Js, Express Js, Flutter, HTML, CSS, D3.Js, Django, Flask, Angular Js, Next Js
Developer Tools: Docker, Git, MongoDB, Firestore, MySQL, Oracle SQL, Postgre SQL, AWS, Redis, Jira