

Neev Shah

602-904-3963 | neevshah1273@gmail.com | [linkedin.com/in/neevshah1273](https://www.linkedin.com/in/neevshah1273) | github.com/neevshah1273

EDUCATION

Master of Software Engineering (GPA: 3.81/4.00)	May 2024
<i>Arizona State University</i>	<i>Tempe, AZ</i>
Courses: Adv Data Structures & Algorithms, Software Design, Software Testing, Semantic Web	
B.Tech. in Computer Engineering (GPA: 9.10/10.00)	June 2022
<i>Pandit Deendayal Energy University</i>	<i>Gandhinagar, India</i>
Courses: Data Structures & Algorithms, Object Oriented Programming, Database Management, Cloud Computing.	

TECHNICAL SKILLS

Languages:	C/C++, JavaScript, Python, Java, Dart, Solidity, SQL, Kotlin, Typescript
Technologies:	React.Js, Node.Js, Express.Js, Flutter, HTML, CSS, D3.Js, Next.Js, Springboot
Databases:	MongoDB, Firestore, MySQL, Oracle SQL, PostgreSQL
Developer Tools:	Docker, Git, AWS, Redis, Jira, RabbitMQ, Taiga

EXPERIENCE

Software Engineer	June 2022 – present
<i>Welcome Broker</i>	<i>Remote</i>
<ul style="list-style-type: none">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%.Improved the response times by 90% through implementation of Redis based caching mechanism.Spearheaded the end-to-end development of a comprehensive application, overseeing project management, designing the software architecture, implementing code, and testing.Technologies: NodeJs, ExpressJs, Flutter, MongoDB, Redis, Docker, AWS.	
Software Developer Intern	Jan 2022 – May 2022
<i>Apice Tech Pvt Ltd.</i>	<i>Delhi, India</i>
<ul style="list-style-type: none">Programmed features like a project management tool, CI/CD flow management, and testing automation management in the back-end utilizing Java, 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 <i>ReactJs, NodeJs, ExpressJs, MongoDB, Redux</i>	Github
<ul style="list-style-type: none">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.Employed Redux for streamlined state management, ensuring a scalable and maintainable application architecture.	
Electchain <i>Kotlin, Node.Js, Solidity, Metamask, Ropston Test Network</i>	Github / Demo
<ul style="list-style-type: none">Architected & Developed a blockchain-based E-Voting android application using Kotlin.Implemented features like proof of work-based secured voting transactions using Smart contract developed using Solidity, as well as managing the registration, voting, and results, and other features like two-factor authentication using NodeJs.	
CrimeLens <i>NextJs, Java, Typescript, Apache Jena Fuseki, D3.Js, SPARQL, OWL</i>	Demo
<ul style="list-style-type: none">Crafted a data visualization dashboard which shows the various studies of crime in the US using Next.Js with D3.Js & integrated with Java Spring based backend.Preprocessed the 3 datasets, prepared the ontology according to the datasets, created a Knowledge graph, hosted it on the Apache Jena Fuseki server, and ran the SPARQL queries to fetch open linked data from the Apache Jena.	
CPU Scheduling Algorithm Visualization <i>Operating System, Flutter</i>	Github
<ul style="list-style-type: none">Created 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.	