Manikanta Neerugatti

Full Stack Developer

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OBJECTIVE

Seeking to contribute my skills and industry experience in building secure, scalable, and high-performance applications that drive real-world impact in a fast-paced tech environment.

SKILLS

BACK-END DEVELOPMENT | Java, Spring Boot, Express, NodeJS

FRONT-END DEVELOPMENT | Angular, React.js, Next.js, JavaScript (ES6+), HTML5, CSS3, Bootstrap, Tailwind

CLOUD & DEVOPS | AWS (EC2, S3, Lambda, API Gateway, Cognito, Amplify), CI/CD (Jenkins, GitHub Actions), Version Control (Git, GitHub), Container (Docker), Monitoring (AWS CloudWatch)

DATABASES | SQL, MySQL, MongoDB

OTHER TECHNICAL SKILLS | Microservices, RESTful API, Socket Programming, Data Structures and Algorithms, Spring security, JWT

PROFFESSIONAL EXPERIENCE

ERNST & YOUNG   *Mar 2022 – Jul 2023, Bengaluru, India*

- Created and modified some of the rules/features in a stock market application for different regulators where 80% of functionality depends entirely on rules.
- Configured Jenkins pipelines with custom scripts to schedule jobs and monitor workflows from different sources.
- Automated the process of injecting the backout queue data manually into database on time frames which improved the time efforts by 90% and enhanced accuracy of data flow.

KPMG   *Oct 2021 – Mar 2022, Bengaluru, India*

- Developed APIs and implemented business logic for updating the current location of the vehicle on the website.
- A part of the website migrated to an Angular framework, which increased the performance of the website by 30-40%.

TATA CONSULTANCY SERVICES   *Dec 2018 – Oct 2021, Mumbai, India*

- Developed an entire website for banks where users can see their profits, losses, margins, alerts and many other features.
- Designed user friendly interfaces for viewing and downloading the reports based on different filters provided.
- Integrated the deployed application with an existing application as a service.
- Created SQL queries and stored procedures and consumed the existing business logic to maintain data.

ACADEMIC PROJECTS

Distributed Peer-To-Peer system

- Developed a fully functional distributed peer-to-peer (P2P) content-sharing system addressing key challenges in decentralized file sharing. Implemented secure user authentication, efficient inter-process communication, and concurrent processing to support multiple users.
- Leveraged socket programming for reliable client-server interactions and ensured data integrity and resource optimization during transactions.

Automated Risk Assessment and Mitigation Tool

Building a full-stack system that integrates with the National Vulnerability Database (NVD) to fetch, store, and analyze CVEs. Implemented secure authentication (sessions, 2FA), user-friendly search/filter UI, and backend logic for risk assessment, notifications, and automated report generation. Currently enhancing features and preparing for cloud deployment and testing.

EDUCATION

Master of Science in Computer Science - University of Houston – Clear Lake - Aug *2023 - May 2025*

B.Tech. Computer Science and Engineering - Sree Vidyanikethan Engineering College - *Aug 2014 – May 2018*