Kishan Seksaria

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Summary

A masters student at the University of Southern California, pursuing a Masters in Computer Science, graduating in May, 2025. Strong background in full-stack development and extensive experience with React, Angular, Node.js, Java Spring Boot, and SwiftUI. Passionate about software development and thrive on building innovative applications. Currently working on projects based on RAG and LLM. Looking for a Software Developer role to leverage my skills and contribute to the tech industry.

Education

University of Southern California   **Aug, 2023 – May 2025 (expected)**
Master of Science in Computer Science   *Los Angeles, CA*
GPA: 3.78/4.0

Maulana Abul Kalam Azad University Of Technology   **Aug, 2019 – Jul, 2023**
Bachelor of Technology in Computer Science and Engineering   *Kolkata, India*
GPA: 9.31/10.0

Relevant Coursework

- Data Structures
- Analysis of Algorithms
- Database Systems
- Web Technologies
- Artificial Intelligence
- Machine Learning
- Security Systems
- Computer Networks

Projects

Custom Shell Implementation ○
Go, Unix System Programming, Shell Scripting   Dec, 2024
- Developed a Linux shell in Go, implementing built-in commands like echo, cd, pwd, exit, cat, and type.
- Enabled execution of external commands from the system's PATH, integrating a REPL for user interaction.
- Strengthened error handling to manage invalid commands, enhancing shell stability and usability.

Stock Summary iOS Application 🔗
Swift, SwiftUI, Finnhub, HighCharts   Apr, 2024 – May, 2024
- Developed an iOS stock tracking app using Swift and SwiftUI, integrating Finnhub API for real-time stock data.
- Implemented data visualization with Highcharts, creating interactive graphs for easy stock data analysis.
- Enhanced user engagement with favorite stocks tracking and simulated trading, allowing users to track prices and simulate buying/selling with a wallet balance.

Stock Summary Single Page Web Application 🔗
Typescript, Angular, Nodejs, Express, MongoDB, Finnhub, HighCharts   Feb, 2024 – Apr, 2024
- Developed a single-page web application utilizing Angular and Finnhub API for real-time stock data.
- Attempted website optimization using RxJS pipelines and Angular route caching to minimize network requests by 50%.
- Designed a RESTful API with Node.js, Express, and MongoDB for efficient data management, ensuring responsiveness and user-friendly interface with HighCharts for interactive visualization.

Technical Skills

Languages: Java, Javascript, Python, Typescript, Swift, C, C++, SQL, HTML, CSS
Frameworks: Node.js, Express, Next.js, Angular, React, SwiftUI, Spring Boot
Databases: MySQL, MongoDB, PostgreSQL, Oracle, SQLite
Tools: Git, Github, VS Code, Postman, Maven, Microsoft Office, LaTeX

Experience

Cognizant 🔗   **Apr, 2022 – Jun, 2022**
Fullstack Developer Intern   *Kolkata, India*
- **Completed intensive training in React and Java Spring Boot:** Participated in structured internship program focused on mastering React.js and Java Spring Boot frameworks, gaining proficiency in frontend and backend development concepts by completing courses on Udemy.
- **Demonstrated proficiency through hands-on exercises and assignments:** Applied theoretical knowledge to practical learning activities like coding exercises and projects, to develop skills in building modern web applications.
- **Intro to other technologies:** Completed courses on Java testing frameworks like JUnit and Mockito, along with intro to cloud technologies like GCP, AWS and Azure. Also got exposed to concept of DevOps.

Achievements

- Secured 1st position for two consecutive years in a coding competition at the state level, competing against 40+ colleges and 450+ participants.