Kishan Seksaria

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Summary

Master's student in Computer Science at USC (May 2025). Experienced in full-stack development with React, Angular, Node.js, Spring Boot, and SwiftUI. Currently working on RAG and LLM projects. Seeking Software Developer role to leverage technical skills in building innovative applications.

Education

University of Southern California   **Aug, 2023 – May 2025 (expected)**
Master of Science in Computer Science   *Los Angeles, CA*
Coursework: Analysis of Algorithms, Database Systems, Web Technologies, Artificial Intelligence, Machine Learning, Security Systems, Information Retrieval
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

Technical Skills

Languages: Java, Javascript, Python, Typescript, Swift, C, C++, HTML, CSS
Frameworks: Node.js, Express, Next.js, Angular, React, SwiftUI, Spring Boot
Databases: MongoDB (Hands-on), SQL (Theoretical), Vector Databases (Learning)
Cloud & Deployment: Google Cloud Platform (GCP), Azure, AWS, Docker
AI/ML Technologies: Retrieval-Augmented Generation (RAG), Large Language Models (LLM), LangChain
Tools: Git, Github, Github Actions, VS Code, Postman, Maven, Microsoft Office, LaTeX, HighCharts

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
- Built an Angular SPA with Finnhub API for real-time stock data, using RxJS and route caching to reduce API calls by 50%.
- Created a RESTful backend with Node.js, and MongoDB, integrating HighCharts for interactive data visualization.
- Implemented CI/CD with GitHub Actions for automated Azure deployment, improving development workflow efficiency.

Professional Development & Leadership Experience

GRIDS USC   **Feb, 2025 – Present**
E-Board Member - Web Team   *Los Angeles, CA*
- Leading the development of Trojan Square, a platform aimed at becoming a central hub for USC students.
- Currently spearheading the creation of Ask USC AI, utilizing RAG (Retrieval-Augmented Generation) and LLMs (Large Language Models) to provide instant and accurate answers to student queries.
- Planning future expansions like a student marketplace and other innovative features to make the platform future-proof.

Cognizant 🔗   **Apr, 2022 – Jun, 2022**
Fullstack Developer Trainee   *Kolkata, India*
- Completed structured training on React.js and Java Spring Boot, enhancing understanding of full-stack development.
- Gained hands-on experience through coding exercises and practical assignments.
- Explored concepts of cloud computing, testing frameworks (JUnit, Mockito), and DevOps tools.

Achievements

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