

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

Master of Science in Computer Science

GPA: 3.78/4.0

Aug, 2023 – May 2025 (expected)

Los Angeles, CA

Maulana Abul Kalam Azad University Of Technology

Bachelor of Technology in Computer Science and Engineering

GPA: 9.31/10.0

Aug, 2019 – Jul, 2023

Kolkata, India

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) (Basic), AWS, Azure (Familiarity)

AI/ML Technologies: Retrieval-Augmented Generation (RAG), Large Language Models (LLM), LangChain

Tools: Git, Github, 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

- 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.

Professional Development & Leadership Experience

GRIDS USC

E-Board Member - Web Team

Feb, 2025 – Present

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 🔗

Fullstack Developer Trainee

Apr, 2022 – Jun, 2022

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.