Kishan Seksaria

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Summary

I am a first-year graduate student pursuing a Master's degree in Computer Science at University of Southern California. I am passionate about databases, full-stack development, data science, and machine learning. I have proficiency in Java, Python, and JavaScript, with experience in React, Node.js, and Spring Boot. Seeking a summer internship in the field of software development or data science to apply and enhance my technical skills.

Education

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

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

Experience

Cognizant Technology Solutions — **Nov. 2022 – Jan. 2023**
Fullstack Developer Trainee — *Kolkata, India*

- Engaged in structured internship program focused on mastering React.js and Java Spring Boot frameworks, gaining proficiency in frontend and backend development concepts.
- Applied theoretical knowledge to practical learning activities, including coding exercises and projects, to develop skills in building modern web applications.
- Benefited from mentorship by experienced software developers, troubleshooting challenges and enhancing technical skills in a supportive learning environment.

Technical Skills

Languages: Java, Javascript, Python, C, C++, SQL, HTML, CSS
Technologies/Frameworks: Nodejs, Express, React, Angular, MongoDB, Spring Boot
Developer Tools: Visual Studio Code, Git, Github, Microsoft Office

Projects

Stock Summary Single Page Web Application | *Angular, Nodejs, Express, MongoDB, Finnhub, HighCharts*

- Developed a single-page web application to display stock data, leveraging Finnhub API for real-time stock information.
- Designed a RESTful API using Node.js and Express, with MongoDB for efficient data storage and retrieval.
- Ensured a responsive and intuitive user interface using Angular, with HighCharts for interactive data visualization.
- Followed best practices for code quality, including modular design and efficient error handling.

AI Gameplay Agent | *Python, Minimax Algorithm* ⭘

- Implemented a game-playing agent using the Minimax algorithm, optimizing decision-making for a two-player game.
- Developed a heuristic evaluation function to assess game states and determine optimal moves.
- Optimised the algorithm to return the best move within a second on average.

Socia Media REST API | *Node.js, Express, MongoDB, Passport.js* ⭘

- Developed a versatile API for user interactions, leveraging Passport.js for secure authentication and access control.
- Utilized Mongoose for MongoDB connectivity, optimizing schema design for efficient data management.
- Established CRUD endpoints for seamless user interactions with social media content.

Achievements and Leadership

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