

# Ajay Kota

+91 8074113078 — [ajaykota2003@gmail.com](mailto:ajaykota2003@gmail.com) —  [spidersniper0](#) — [Portfolio website](#)

## Objective

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Aspiring Full Stack Web Developer with a strong foundation in front-end and back-end development, proficient in Java, React JS, Node JS, and Cloud Computing. Interested in contributing technical skills to innovative projects while continuously learning and growing in a collaborative environment.

## Education

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### Vignan University - Guntur, Andhra Pradesh

B.Tech. in Computer Science and Engineering

*CGPA: 8.21/10.0*

### Narayana JR College - Vijayawada, Andhra Pradesh

Intermediate MPC: 93.1%

### Montessori High School - Ongole, Andhra Pradesh

Andhra Pradesh Secondary School Certificate Examination

*CGPA: 10.0/10.0*

## Technical Skills

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- **Programming Languages:** Java, JavaScript, Python
- **Front-end Technologies:** React.js, Redux, WebRTC, Tailwind
- **Back-end Technologies:** Node.js, Express.js, Spring Boot
- **Databases:** MySQL, PostgreSQL, MongoDB, Firebase Firestore
- **Cloud & Tools:** AWS, Docker, Git, GitHub, Postman, VSCode

## Certifications

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- **AWS Cloud Practitioner Certificate** – AWS — June 2024
- **The Complete 2023 Web Development Bootcamp** – Udemy

## Projects

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### Real-time Stock Portfolio Management System [GitHub](#) – [Live Link](#)

- Developed a full-stack stock portfolio dashboard using React, Spring Boot, and PostgreSQL, implementing CRUD operations and integrating with the Finnhub API for real-time stock updates.
- Engineered a secure backend deployed on AWS EC2 with SSL configuration (Keytool).
- Implemented features such as real-time stock data sorting by profit, light/dark mode toggling, and optimized data fetching, to deliver an intuitive user experience and efficient data visualization for financial tracking.

### Vignan Electives (University Project) [Github](#)

- Developed a full-stack application to automate subject allocation for students, featuring dynamic form creation based on university requirements.
- Utilized React for dynamic content rendering and React Router for multi-page navigation. The backend is powered by an Express.js server within a Node.js environment, with PostgreSQL ensuring robust and reliable data persistence.

### Quotes - Social Media Platform [GitHub](#) – [Live Link](#)

- Developed a full-stack web application for users to share daily quotes, utilized Firebase Firestore for a scalable, serverless backend.
- Implemented Google Authentication, integrated React Router for seamless navigation, and utilized Redux for efficient state management.

## Experience

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### Team Lead, Enterprise Resource Planning (ERP) Software Development

- Led a university-selected team in the successful development and timely delivery of an ERP software solution.
- Coordinated team efforts, streamlining the integration of multiple development streams.
- Recognized as the "Most Productive Member" for significant contributions to the ERP project.

### Teaching Assistant (OOP in Java)

- Provided support to over 50 students, clarifying OOP concepts, and assisting with assignments.
- Received stipend in recognition of significant contributions to student academic success.

## Achievements

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- Awarded **75% Academic Scholarship** at Vignan University.
- Scored **95.52 percentile** in JEE Mains, 2021.
- Earned **Business English Certificate Vantage** with a score of 170/190.

## Co-Curricular Activities

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- Designed and led the development of **Vignan Electives**, a full-stack project for VFSTR CSE Department, streamlining subject allocation for 500+ students.
- Mentored departmental hackathon teams (2025), guiding ideation, technical development, and fostering collaborative problem solving.
- Enjoy playing basketball.

## Personality Traits

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- Adaptable and proactive in embracing new technologies
- Meticulous problem-solver with a focus on efficient solutions
- Dedicated to continuous learning and professional growth