Chandan K

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Education

Global Academy of Technology, Bangalore   Aug 2022 – May 2026
Bachelor of Engineering in Computer Science   CGPA: 7.68

Experience

Software Developer Intern — Aulosa, Bangalore   Aug 2024 – Present

- Built and maintained modular UI components using React.js for a production SaaS platform.
- Integrated frontend components with REST APIs to ensure consistent data flow and state handling.
- Implemented CI/CD pipelines using GitHub Actions to automate builds and deployments.
- Worked with backend services and databases to support scalable application workflows.
- Investigated and resolved production issues related to performance, rendering, and deployments.
- Followed clean coding practices, participated in code reviews, and worked in Agile sprints.

Projects

Exam Room Allocation System (MERN Stack)

- Designed an automated exam scheduling system to eliminate manual room assignment.
- Implemented algorithm-based room allocation with conflict detection logic.
- Developed a responsive frontend using Material-UI for multi-device access.
- Built backend services using Express.js and MongoDB to manage schedules and allocations.
- Improved overall operational efficiency by reducing administrative effort.

AI-Powered Sales Chatbot

- Developed a full-stack chatbot prototype with emphasis on backend logic.
- Implemented structured request handling and validation mechanisms.
- Integrated APIs to manage conversational context and responses.
- Designed modular components to support future scalability and enhancements.

Problem Solving & Achievements

- Solved frontend and backend issues through systematic debugging and logical reasoning.
- Optimized application performance by refining component lifecycle usage.
- Refactored existing codebases to improve maintainability and readability.
- Demonstrated ownership by independently analyzing requirements and delivering solutions.

Technical Skills

Languages:	JavaScript, Python, C/C++, SQL, HTML, CSS
Frameworks & Libraries:	React.js, Node.js, Express.js
Databases:	MySQL, MongoDB
Developer Tools:	Git, GitHub, VS Code, CI/CD Pipelines, Figma
Cloud Platforms:	Amazon Web Services (AWS), Microsoft Azure
Computer Science Fundamentals:	Data Structures, Algorithmic Problem Solving, DBMS, OS Basics
Core Competencies:	Problem Solving, Clean Code Practices, Agile Development, System Thinking

Certifications

- McKinsey.org Forward Program
- Python Programming and SQL Fundamentals