MINNU MADAN KOTA

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EDUCATION

Centurion University of Technology and Management   *Sep. 2022 – Present*
- Bachelor of Technology in Computer Science and Engineering   *Paralakhemundi, Odisha*
- CGPA: 9.59

EXPERIENCE

GHN Universal Solutions Private Limited.   *May 2025 – Present*

Java Developer Intern | Remote
- Collaborated in an Agile team using GitLab to design and optimize a scalable Spring Boot microservices architecture, improving API response time by 30% and enhancing system reliability under high load.
- Integrated Apache Kafka for asynchronous messaging and Swagger for real-time API documentation, reducing inter-service latency and accelerating development by 20%.
- Created and validated 25+ RESTful APIs through Postman, ensuring 100% test coverage, secure data handling, and seamless frontend integration via React.js.

CodSoft   *April - May 2024*

Web Development Intern | Remote
- Built and styled responsive web pages using HTML, CSS, and JavaScript, contributing to real-world UI development projects. Improved user interface design by fixing layout issues and enhancing cross-browser compatibility across multiple pages.

PROJECTS

CaroCart | Spring Boot, React.js, MySQL, VS Code   *May 2025 – Present*
- Engineered a full-stack e-commerce platform leveraging React.js and Spring Boot-based microservices.
- Implemented JWT-based authentication and role-based access control for user, vendor and admin access.
- Built microservices for authentication, cart, and delivery with Spring Boot, MySQL.
- Designed a responsive UI with real-time cart updates, order status tracking, and secure delivery features.

Smart Pond Monitoring | SpringBoot, Angular, MongoDB, VS Code, Arduino IDE   *Jul. 2024 – Apr. 2025*
- Led a team of 8 to develop an IoT monitoring system using ESP8266 with pH, water level, and oxygen sensors for real-time environmental tracking.
- Constructed a backend system with Spring Boot integrated alongside MongoDB to process and store live sensor data, ensuring high reliability and scalability.
- Designed a dynamic Angular dashboard for real-time data visualization, enhancing user engagement and interaction.

CUTM Result Portal | Flask, MongoDB, VS Code   *Dec. 2023 – Feb. 2024*
- Created a web application utilizing HTML, CSS, JavaScript, Flask, and MongoDB that allows students of Centurion University of Technology Management to search and view their semester results and cumulative grade point average (CGPA) by entering their registration number.

CERTIFICATIONS
- Data Structures and Algorithms in C, CodeTantra, March 2024
- Software Development Essentials, Microsoft and LinkedIn, April 2024
- GitHub Professional Certificate, GitHub, April 2024
- Quantum Computing Workshop Coordination and Participation, Centurion University, February 2024

TECHNICAL SKILLS
- **Languages:** C, C++, Java, Python, JavaScript, SQL
- **Web Technologies:** HTML, CSS, Bootstrap, React.js, Angular, Node.js
- **Frameworks:** Qiskit, Spring Boot, Flask
- **Databases:** MongoDB, MySQL
- **Tools & Platforms:** Git, GitHub, GitLab, VS Code, Arduino IDE, Postman, Swagger, Vercel, Render

ACHIEVEMENTS
- Solved 250+ LeetCode problems, specializing in algorithms and data structures, 2024–2025
- Earned 5-star ratings in Java, Python, and SQL on HackerRank, 2023–2024