Omkar Deota

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Software Engineer with 1.5 years of experience developing scalable web applications. Strong foundation in programming and data structures, with a proven record of problem-solving and innovation—Winner of Smart India Hackathon (SIH) 2023.

Education

Bachelor of technology | Shri Shankaracharya Institute of professional management and technology | Raipur   2021 - 2025

8.2 CGPA • Tech lead of college coding club

Senior Secondary School | Shri Chaitanya Vidyaniketan | Vishakhapattanam   2019 - 2021

89%

Experience

Associate SDE | SDE Intern | Magure INC | Raipur, India   SEPTEMBER 2024 - PRESENT

Contributed to the development of Ignyte, a comprehensive startup marketplace platform backed by the Government of Dubai. Enabled entrepreneurs and students to launch companies, raise funding, host events, and navigate regulatory processes—driving digital innovation and entrepreneurship across the region.
Supported building a secure Survey Management Portal for Hawkamah, a leading Middle Eastern governance institute, in collaboration with **DIFC Dubai**. Delivered scalable architecture and robust data handling using modern web technologies with Azure and OAuth-based authentication.
Played a key role in developing Xtend data monetization platform by DIFC Dubai by ensuring mobile responsiveness, consistent UI/UX, and seamless API integrations between backend and frontend teams.
Collaborated cross-functionally to deliver production-grade features with an emphasis on performance, scalability, and secure coding practices across large-scale web platforms.

IT Intern | Hindalco Industries Ltd. | Sambalpur, India   JULY 2024 – AUGUST 2024

Developed an advanced coal management system to optimize deliveries and ensure quality monitoring using real-time tracking from gate entry to sampling stages. Utilized machine learning models to predict Gross Calorific Value (GCV) and moisture content, enabling accurate quality assessment and automated variance detection. Integrated real-time analytics to streamline operations, minimize inefficiencies, and provide actionable insights for reliable coal inventory management.

Skills

C/C++ • Python • JavaScript • TypeScript • ReactJs • Tailwind CSS • React testing/Jest • NodeJs • Rest API • MySQL/PsotgreSQL • MongoDB • AWS • ASP.NET • Oracle Apex • Github • JIRA • Agile Methodology

Academic Projects

Railway rake optimization and scheduling - Award winning project of SIH 2023 for the largest open hackathon in the world. Led the team of six members and worked as a backend developer to schedule the railway rakes for reducing demurrage charges, integrated Twilio for real-time communication.

Achievement

Winner of SMART INDIA HACKATHON 2023