GOUTAM NANDI

Murshidabad, West Bengal

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Portfolio | LeetCode | GeeksforGeeks | Github | Linkedin

CAREER OBJECTIVE

Proactive Full Stack Developer proficient in **React** and **Node.js**, experienced in developing scalable web applications, integrating **SQL** and **MongoDB** databases, collaborating in **Agile** environments, and implementing **AI**-driven solutions. Fast learner with strong problem-solving abilities and experience in the debugging of complex issues.

TECHNICAL SKILLS

Programming Languages: C, Java and Python.
Front-end / Framework: HTML, CSS, Bootstrap, JavaScript, React.
Back-end / Database: Node.js, MongoDB, MySQL.
Version Control / Tools: Git, GitHub, Docker.

PROJECTS

Real-Time Stock Trading Web Application | React, Node.js, MongoDB   **2025**
Developed a full-stack web application inspired by Zerodha with real-time market data and user dashboards.
Built RESTful APIs using Node.js and Express.js and handled user data with MongoDB.
Tested backend components using Jest to ensure high reliability and performance.

Precision soil analysis and crop yield prediction | Python, DNN and Gradient Boosting   **2024–2025**
Created a hybrid machine learning model using Deep Neural Networks and Gradient Boosting to predict crop yield from soil data. This accurate model helps farmers and stakeholders make better decisions for planning crops, using resources wisely, and practicing sustainable farming to improve overall farm productivity and efficiency.

Portfolio | HTML, CSS, JavaScript   **2024–2025**
Built a fully responsive personal portfolio website to showcase projects, skills, and achievements. Implemented interactive UI components using JavaScript and styled the site with modern CSS techniques, including Flexbox and Grid, to create a clean and mobile-friendly layout. Integrated smooth animations, contact form functionality, and optimized performance for fast loading.

EXPERIENCE

Project Engineer (Academic Role)   **2021-2025**
Developed a Real-Time Stock Trading Web Application using React, Node.js, and MongoDB. Built and rigorously tested RESTful APIs with Express.js and Jest to ensure reliability. Designed a hybrid machine learning model for precise crop yield prediction. Created a responsive portfolio website. Collaborated on multiple projects, applying Agile methodologies for efficient and timely delivery.

EDUCATION

JIS College of Engineering, Kalyani   **2021-2025**
- B.Tech - Computer Science and Engineering – **DGPA: 8.13**

Alugram U.U.M Vidyalaya
- Higher Secondary Education (WBCHSE) – **75.2%** (2021)
- Secondary Education (WBBSE) – **74%** (2019)

COURSEWORK

Data Structures & Algorithms | DBMS | Front-End Development | OOP Concepts | Computer Networks.

ACHIEVEMENTS

- Solved **250+** coding questions on **LeetCode** & **GeeksforGeeks.**

CERTIFICATIONS

- Data Structures and Algorithms–Coursera | Link
- AWS Academy Graduate - AWS Academy Data Engineering | Link
- AWS Academy Graduate - AWS Academy Cloud Architecting | Link

EXTRACURRICULAR ACTIVITIES

- Active member of Coding Club
- Interests: Badminton, Cricket, Traveling and listening to music