AMRIT DUBEY

Software Engineer

📞 9231222337   @ amritdubey22003@gmail.com   📍 Kolkata - India   </> Portfolio   ⬈ LeetCode   in LinkedIn   ○ GitHub

EXPERIENCE

Fullstack Developer Intern
Pirates Alert

📅 Aug 2023 – Oct 2023   📍 Remote

- Developed a full-stack web app using **React and Material UI**, delivering clean and reusable UI components.
- Built and integrated **30+ RESTful APIs** with **Node.js, Express.js, and MySQL** for efficient backend operations.
- Improved backend performance by **25%** through SQL query optimization and code refactoring.

Open Source Contributor
Diversion

📅 Jan 2023 - Feb 2023   📍 Online

- Actively **contributed to the development of an e-commerce website**, enriching understanding, refining skills, and fostering collaborative engagement within the community.

ACHIEVEMENTS

- Selected among the **top 3.75%** of candidates for participation in the prestigious **Amazon ML Summer School'24** ⬈
- Solved over **900 problems** on **LeetCode** ⬈ , achieving a **maximum rating of 1824** and ranking in the **top 7%**.
- Made **over 10 personal projects** in Web Development and Machine Learning.
- Ranked among the **top 10 contributors** in Diversion 2023 open source event.
- Completed NPTEL courses - **Problem Solving Through C, The Joy of Computing Using Python**.

TECHNICAL SKILLS

- **Programming Languages**
  - **C, C++, Java**
  - **Python, Javascript, SQL**
- **Frameworks & Libraries**
  - **HTML, CSS, Bootstrap, Tailwind**
  - **ReactJS, NodeJS, ExpressJS, Material UI**
  - **React Styled Components, Redux Toolkit**
  - **OpenAI, Langchain, Streamlit**
  - **Scikit-learn, TensorFlow 2.0, Keras**
- **Version Control**
  - **Git, Github**
- **Databases**
  - **MongoDB, MySQL**
- **Other Tools**
  - **Postman, Vercel, Render**
  - **Jupyter Notebook, Google Collab**

EDUCATION

B.Tech. (CSE) - 8.98 CGPA
Institute of Engineering and Management

📅 2021 – 2025   📍 Saltlake, Kolkata

ISC - 93.0%
Nopany High

📅 2020   📍 Mullick Lane, Kolkata

ICSE - 92.2%
Nopany High

📅 2018   📍 Mullick Lane, Kolkata

COURSEWORK

- **Data Structures and Algorithms**
- **Object Oriented Programming**
- **Database Management System**

PROJECTS

Authenticator ⬈

- **ReactJS | Redux | Tailwind | MongoDB | NodeJS | ExpressJS | REST APIs | JWT**
- Built a **responsive full-stack MERN access control app** for real-time role and permission management.
- Implemented JWT-based authentication and role-based dashboards — users can edit their own details; admins can manage all users. Github

Career Assistant ⬈

- **OpenAI | Streamlit | Langchain | Adzuna API**
- Built a Career Assistant app using the **Google Gemma 3n 2B LLM via OpenRouter** to score resume–job description relevance.
- Integrated Adzuna API for real-time job matching from parsed resumes. Github

Movies Pro ⬈

- **React JS | Material UI | MongoDB | Node JS | Express JS | REST APIs | JWT**
- Built a full-stack application for seamless movie ticket booking with secure user authentication.
- Integrated JWT-based sign-up/login to enable protected access and streamlined booking flow. GitHub

Churn Modelling ⬈

- **Python | Keras | TensorFlow**
- Built an **ANN model** using TensorFlow and Keras to predict customer churn for a bank.
- Trained and evaluated the model on a Kaggle-sourced dataset for accurate churn classification. Github