

# AMRIT DUBEY

## Software Engineer

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</> [Portfolio](#)    📄 [LeetCode](#)    🔗 [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 **950 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, Typescript, SQL
- **Frameworks & Libraries**
  - HTML, CSS, Bootstrap, jQuery
  - React.js, Next.js, Node.js, Express.js
  - Tailwind, Zustand, Redux Toolkit
  - React Styled Components, Material UI
  - OpenAI, Streamlit, Scikit-learn
- **Version Control**
  - Git, Github
- **Databases**
  - MongoDB, MySQL
  - Firebase, Redis
- **Other Tools**
  - Docker, Postman, Vercel, Render
  - Jupyter Notebook, Google Colab

## EDUCATION

B.Tech. (CSE) - 8.88 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

### Cinephile

- Next.js | TypeScript | Zustand | Tailwind CSS | Firebase | REST API | Next-Auth
- Built a full-stack **BookMyShow clone** with movie discovery and real-time ticket booking.
- Delivered a responsive, intuitive **UI/UX that improves upon BookMyShow**, with Zustand for state management and Firebase for seamless data flow. [GitHub](#)

### Career Assistant

- Python | OpenAI | Streamlit | 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](#)

### Authenticator

- React.js | Redux | Tailwind CSS | MongoDB | Node.js | Express.js | REST API | Docker | JWT
- Built a full-stack **MERN access control app** with role-based authentication and dynamic permission management.
- **Containerized client and server using Docker** for seamless setup and deployment. [GitHub](#)

### Smoke City

- Next.js | TypeScript | Tailwind CSS | Redis | OpenWeather API
- Developed an AQI tracking app that provides real-time air quality insights with city-based search and cigarette equivalence.
- Optimized performance by **caching OpenWeather API responses with Redis**. [GitHub](#)