ARPIT KAIRATI

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EDUCATION

Noida Institute Of Engineering And Technology   Nov 2022 – June 2026
B.Tech in Computer Science Engineering (Artificial Intelligence Machine Learning)

Jesus And Mary School And College   2020 – 2021
Intermediate

Jesus And Mary School And College   2018 – 2019
Matriculation

SKILLS

Languages: Python, Java, JavaScript, SQL, NoSQL
Developer Tools: Git, AWS, Microsoft Azure, MySQL, Postman, MongoDB, PowerBI, VS Code
Technologies/Frameworks: Linux, ReactJS, NodeJS, ExpressJS, Scikit-learn, TensorFlow, PyTorch, Flask
Others: Data Structure and Algorithm, Operating System, Networking, Database

EXPERIENCE

GirlScript Summer of Code (GSSoC)   May 2024 – July 2024
Contributor
- Fixed 7+ critical React.js and JavaScript bugs, boosting stability by 35% and performance by 15%.
- Collaborated with 5 maintainers and 15+ contributors, reducing PR response time by 20%.

PROJECTS

AgriShield ⎘ | *MERN, Ethereum Blockchain, Python, Scikit-learn, XGBoost, Razorpay, Socket.io*
- Engineered a platform connecting farmers and buyers for secure contract farming and market access.
- Implemented **Ethereum blockchain** for digital contracts, enabling secure negotiations on prices and delivery.
- Integrated **Razorpay API** for secure payments with blockchain **escrow** services.
- Developed an **AI** crop price predictor with **Python** and **XGBoost**, achieving **90%** accuracy.
- Integrated real-time chat with **Socket.io** to enhance user communication.

Job Portal Platform ⎘ | *MongoDB, Express.js, React, Node.js, ShadCN UI Kit*
- Developed a responsive job portal platform using the **MERN stack**, enabling job posting and applications directly from the platform.
- Utilized **ShadCN UI** kit to ensure mobile-first, responsive design, enhancing the user experience across different devices and screen sizes.
- Applied best practices for security and scalability, including **JWT** authentication, role-based access, and **MongoDB** indexing.
- Implemented key functionalities including **job posting**, application tracking, and user profile management.

Myntra Clone - E-Commerce Frontend ⎘ | *Node.js, Express.js, React.js, MongoDB, Bootstrap CSS*
- Built mobile-first, responsive layouts using **Bootstrap** and custom CSS for optimal user experience across devices.
- Developed functionality for users to **add/remove** items, **update quantities**, and view the cart summary.
- Implemented dynamic product catalog with **filters** by category, size, and price, ensuring seamless navigation.
- Utilized **Redux** for efficient state management and smooth data flow across the app.

EXTRACURRICULAR

Google Developer Student Clubs (GDSC)   Nov 2022 – Present
Member
- Organize monthly workshops and quarterly hackathons for 50+ peers in Google technologies.
- Lead 6-member teams in hackathons like the Smart India Hackathon, College Hackathons delivering innovative solutions.

CERTIFICATIONS

- Getting Started with AI using IBM Watson
- Data Visualization with Python
- Introduction to Artificial Intelligence (AI)
- Python for Data Science, AI & Development