YASH RAJPUT

Greater Noida, Uttar Pradesh, India

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SKILLS

Programming Languages: Python, Java, JavaScript, TypeScript, SQL,C++
Developer Tools: Git, GitLab, AWS, Google Cloud Platform, Microsoft Azure, MySQL, MongoDB, PowerBI
Technologies/Frameworks: React.js, Node.js, Express.js, Scikit-learn, TensorFlow, PyTorch, Keras, Django

EDUCATION

Noida Institute Of Engineering And Technology, Greater Noida   2022 - 2026
Bachelor of Technology in Computer Science and Engineering(Artificial Intelligence Machine Learning)
Relevant Coursework: Object Oriented Programming, Databases, Discrete Maths, Operating Systems, Data Structures, Algorithms, Computer Networks, Artificial Intelligence, Machine Learning, Information Retrieval, Software Design

Rakhee Public School   2021- 2022
Intermediate

Shardein School   2019 - 2020
Matriculation

PROJECTS

AgriShield - Contract Farming Platform for Stable Market Access | *MongoDB, Express.js, React.js, Node.js*

• Developed AgriShield, an online, responsive, and interactive platform for contract farming, featuring digital contract management, price negotiation, and secure payment processing using **React.js, Node.js, Express.js, and MongoDB**.
• Integrated an AI-powered price predictor tool utilizing Python, **Scikit-learn**, and **XGBoost** to forecast crop prices.
• Implemented **Ethereum Blockchain** with **Solidity** to secure and make contracts tamper-proof between farmers and buyers.
• Designed a user-friendly interface with **Tailwind CSS and DaisyUI**, including accessibility features like voice commands.

E-commerce Website | *HTML, CSS, Tailwind CSS, React.js*

• Developed a fully responsive E-commerce website using **HTML, CSS, Tailwind CSS, and React.js** for seamless user experience across devices.
• Implemented dynamic product listings, cart functionality, and user interactions with **TypeScript** to ensure type safety and code reliability.
• Integrated Fake Store API to fetch and display product data, providing a real-time shopping experience.
• Styled and customized the website layout with Tailwind CSS, ensuring modern, clean, and intuitive UI/UX design.
• Utilized React hooks and state management to handle cart operations and product filtering efficiently.

Job Boarding Website | *MongoDB, Express.js, React.js, Node.js*

• Developed a responsive job boarding platform using **HTML, CSS, Tailwind CSS, and React.js** for an intuitive user interface.
• Implemented a secure backend with **Node.js** and **Express.js**, managing job postings, user data, and applications.
• Utilized **MongoDB** to store user sessions, login details, and other critical information for persistent and secure data management.
• Enabled user authentication and session management using Express sessions, ensuring secure access and personalized user experience.

EXTRACURRICULAR & CERTIFICATIONS

• **J.P. Morgan Software Engineering Virtual Experience on Forage - July 2024**: Set up a local dev environment by downloading the necessary files, tools and dependencies, Fixed broken files in the repository to make web application output correctly, Used JPMorgan Chase's open source library called Perspective to generate a live graph that displays a data feed in a clear and visually appealing way for traders to monitor.

• **Tata Data Visualisation: Empowering Business with Effective Insights Job Simulation on Forage - August 2023**: Completed a simulation involving creating data visualizations for Tata Consultancy Services, Prepared questions for a meeting with client senior leadership, Created visuals for data analysis to help executives with effective decision making

• Google Cloud Certification

• Microsoft Azure Certification