KUMAR ADITYA MISHRA

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Highly skilled Web Developer with a robust background in AI/ML engineering, cybersecurity, and software development. Accomplished post-graduate with extensive knowledge in data science, Web Development, and modern web technologies. Proven ability to design and implement complex web applications, optimize system performance, and ensure secure, scalable solutions. Passionate about continuous learning and staying ahead of industry trends, with a strong commitment to delivering high-quality, efficient, and secure code.

TECHNICAL SKILLS

- C/C++ • Java • HTML/CSS • JavaScript • Express Js • React JS • MongoDB
- Linux Administration • Network Security • Git/GitHub • AI/ML Engineering
- Cloud Security • Digital Payment Gateway

EXPERIENCE

Software Developer   February 26, 2024- Present
Company Name   *Ratna Sagar Pvt. Ltd.*

- Contributed to the development of RS-LMS, a Learning Management System, using React.
- Integrated SCORM Cloud for managing e-learning content and tracking user progress.
- Collaborated on the development of various eBooks, including "AI and You", "Bits to Brain", "Calyx" etc using HTML, CSS, JavaScript.
- Fine tuned Pre-Trained Model Phi3 Using Generative AI
- Developed a Game using canvas and PaperJS

PROJECTS

Dynamic Index Generator
- created a dynamic dynamic pdf merger and index generator using Django(python).
- Used pyPDF2 for merging pdf files and generating indexes.
- Used HTML, JavaScript and Tailwind CSS for styling.

ShopEase - E-commerce Platform
- Developed the backend for an e-commerce platform enabling product browsing, user authentication, order management, and payment processing. Built RESTful APIs using Node.js and Express, and optimized MongoDB for product and order data storage. Integrated Stripe API for secure payments and WebSockets for real-time order status updates.
- Worked closely with the frontend team using React to integrate APIs, ensuring seamless data flow for features like dynamic product displays, user dashboards, and order summaries, enhancing the overall user experience.

FoodieHub - Mobile Food Delivery App
- Designed and developed the backend for a mobile food delivery app, enabling seamless user authentication, order management, and payment integration. Built RESTful APIs using Node.js and Express, optimized MongoDB for efficient data handling, and implemented WebSockets for real-time order tracking.
- Integrated Google Maps API for location-based restaurant suggestions and Stripe for secure payment processing. Ensured scalability and security with JWT authentication and best practices, supporting a smooth user experience and handling high traffic efficiently.

EDUCATION

Master of Computer Application, Sharda University   2022 - 2024

Bachelor of Computer Application, SGT University   2018 - 2021

XII − Non-Medical, Bihar School Examination Board (BSEB)   2017 - 2018