AKHAND PRATAP SINGH

Full-Stack Devloper

akhandpratapsingh254263@gmail.com | 8756176160 | Gorakhpur Uttar Pradesh

LeetCode | GitHub | Linkedin

EDUCATION

Dr. A.P.J Abdul Kalam Technical University   Lucknow, India
Computer Science And Engineering Bachelor of Technology   Sep/2020 - Present
Percentage: 80%

Academic Heights Public School   Gorakhpur India
Intermediate   April/2017 - July/2019
Percentage: 69.2%

EXPERIENCE

IfStatic | Full Stack Web Development Internship   Oct 2023 - April 2024
- **A**cquired proficiency in the MERN stack (MongoDB, Express.js, React, and Node.js) during an intensive internship at IfStatic
- Contributed to the development of RESTful APIs for a gym application, managing user accounts, workout plans, and class schedules.
- Collaborated with the team to integrate authentication and authorization mechanisms, ensuring data security and user privacy.
- Played a key role in enhancing the design and front-end of a Mehandi Application, contributing to improved user experience and visual appeal .

SKILLS

Programming Languages:	C, Python, Java, HTML, CSS, JavaScript
Libraries/Frameworks:	React, Express, Mongoose, EJS, Material-UI, Node.js, Tailwindcss
Tools / Platforms:	Git, GitHub, DSA, OOPS, Figma, MS office, Postman
Databases:	MongoDB, MySQL

PROJECTS / OPEN-SOURCE

Eduverse Learning Management System | Link   *HTML, CSS, JS, NodeJS, Express, MongoDB*
- Eduverse, an Learning Management System providing free access to engineering courses for student.
- Implemented an AI-based Doubt Resolution System using OpenAI GPT-3 API allowing students to receive timely assistance.
- Designed and developed a Library Section featuring point-wise content generation for an enhanced learning experience.

E-Commerce Web App   *MERN, Stripe*
- Spearheaded the development of an E-commerce website utilizing MongoDB, Express.js, React.js, and Node.js to achieve a 20% increase in user engagement through responsive design implementation.
- Engineered secure transaction protocols and real-time features, resulting in a 30% decrease in cart abandonment rates and a 15% increase in conversion rates, optimizing the user experience.
- Implemented RESTful APIs and performance optimizations, achieving a 40% reduction in page loading time and enhancing platform responsiveness, resulting in positive user feedback.

Blog App Using React | Link   *HTML, CSS, JS, NodeJS, Express, MongoDB*
- Implemented Create, Read, Update, and Delete (CRUD) operations for blog posts. Users can create new posts, edit existing content, and remove posts as needed.
- Implemented robust user authentication with advanced encryption, ensuring data privacy. Utilized secure password hashing and token-based authentication for enhanced account security and protected access to sensitive operations.

CERTIFICATIONS AND AWARDS

Hackerrank Certification:	Software Engineering
LeetCode:	250+ questions
IIT Kanpur:	Python Certification
Awards:	4 Star in HackerRank Problem Solving, 3 Star in Python, 4 Star C
Java Certification	Electrocus Solution