GAURAV BALODI

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EDUCATION

Dr Akhilesh Das Gupta (IP University)   2021 - 2025

B. TECH Computer Science (Artificial Intelligence & Machine Learning)

CGPA: 8.4

WORK EXPERIENCE

Software Development Intern

Invest India (Govt of India)   Jan 2020

- Assisted the Senior Developer in the creation and optimization of upload, update, and relaxed APIs, benefiting 3,000 daily users.
- Optimization of queries used to fetch data from database reducing downloading time from 15 minutes to 5 minutes showcasing ability to solve problems.
- Implemented a PATCH request in the API to update specific fields in a project, optimizing resource usage and reducing load on the API.
- Collaborated with the TCS team to implement a filter for categorizing projects by category, cost, and archive status showcasing excellent communication skills.
- Participated in code review and resolved XSS vulnerabilities by preventing HTML and JavaScript injections in URLs, ensuring proper redirection to error pages for unauthorized changes showcasing debugging skills.

SKILLS

Languages/Databases: Java, JavaScript, Python. HTML, CSS, MongoDB, Mongoose, SQL
Frameworks and tools: Express.js, React.js, Bootstrap, Bulma, Passport.js, Node.js, Eclipse
Core Competencies: API testing, Debugging, Process Documentation, Jira.

PROJECTS

Full-Stack E-Commerce Website: Link (Click Here)   Dec 2023

Node.js, Mongoose, MongoDB, HTML, CSS, Express.js, Passport, JOI (client-side Data Validation), Razor Pay.

- Developed a full stack E-commerce website using JavaScript, HTML, CSS, Node.js and Express.js.
- Engineered client and server-side authentication for enhanced security.
- Implemented robust password encryption using salt and hashing techniques
- Developed 'Like' functionality and product review features to boost user engagement.
- Facilitated User-generated product listings for registered sellers.
- Developed login and signup functionality for user authentication.

QUOTES APP USING REACT.JS AND NODE.JS: Link (click here)   May 2023

React.JS

- Built the front-end using React.js, JavaScript, HTML, and CSS.
- Applied RESTful APIs for seamless integration between the front-end and back-end.
- Managed database interactions using MongoDB with Mongoose.
- Ensured responsive design with Bootstrap.

ACHIVEMENTS/HACKATHON

1ST POSITION IN TECHNOUTSAV HACKATHON 2022 ORGANISED   DEC 2023

Python, Machine Learning (Air Quality Index Prediction)

- Developed a predictive model for assessing the accuracy of various pollutants in the Delhi Air Quality Index using machine learning algorithms.
- Awarded first place in the college hackathon competition, including a cash prize.

SOLUTION SPRINT - HACKATHON (1ST POSITION IN UTKARSH 23)   MAR 2023

Python, Machine Learning (Healthcare Data Analysis)

- Won first place in a competition and received a cash prize for the project I built.
- Achieved 86% accuracy in predicting diseases, improving healthcare diagnostics.