Himanshu Wadhwa

📞 +91 99588 99757 ✉ usernamehimanshu999@gmail.com in linkedin.com/in/himanshu ⎇ github.com/Himanshuwadhwa1

Summary

Bachelor of Technology graduate with hands-on experience in software development through academic projects. Proficient in Python, JavaScript, C/C++, Java, React, Node.js, Express.js, Flask, MongoDB, and SQL. Adept at applying coding skills, developing full-stack applications, and utilizing data-driven solutions. Eager to contribute to a fast-paced software development team with a strong focus on problem-solving and innovation. 👤 Portfolio

Education

Vivekananda Institute of Professional Studies   Dec. 2021 – Present
Bachelor of Technology in Artificial Intelligence and Data Science   *Delhi, India*

Work Experience

Web Development Trainee   ICT, IIT Kanpur
Dec. 2022 – Jan. 2023   *Kanpur, India*
- Completed full-stack web development training, gaining hands-on experience in JavaScript, Node.js, Express.js, MongoDB, MySQL, and EJS.
- Built and deployed dynamic web applications using Express.js for server-side rendering with EJS, integrating frontend and backend features for seamless user experiences.
- Optimized web application performance by improving database queries and reducing server-side bottlenecks, resulting in faster load times.

Projects

LeafLens | *Python, Flask, JavaScript, MongoDB, TensorFlow*
- Led a team of 5 in developing a plant classification model with 92 % accuracy, achieving 85 % test accuracy.
- Integrated the ML model with a Flask-based back-end, ensuring smooth API interaction and front-end integration.
- Deployed the system on a website, allowing users to accurately capture and classify plant images.

Blog Web Application | *MongoDb, Express.js, React.js, Node.js, Git*
- Built a robust blog application using the MERN stack, enabling users to create, read, update, and delete (CRUD) posts.
- Implemented JWT-based user authentication for secure sign-up and login, ensuring user data protection.
- Optimized database queries and API responses, reducing load times by 15%.

Let's Chat WebApp | *Socket.io, Node.js, Express.js, Tailwindcss, Git*
- Developed a real-time group chat application using Socket.io, Node.js, Express.js.
- Enabled multiple users to chat in different rooms, ensuring that only users in the same room could interact.
- Implemented room-specific access controls to prevent unauthorized users from typing in other rooms.
- Optimized server-side communication with Socket.io, ensuring smooth real-time data transmission.

Skills

Programming Languages: Python, JavaScript, C/C++, SQL, HTML5/CSS3, Java, PHP
Frameworks & Libraries: React.js, Node.js, Express.js, Next.js, JQuery Flask, Bootstrap, Tailwind CSS, Recoil
Technical Skills: Data Structures, Algorithms, REST APIs, Agile Methodology, Clean Architecture, JWT, OAuth
Tools: Git, AWS, VS Code, Postman, Figma, Firebase
Databases: MySQL, PostgreSQL, MongoDB
Other Skills: Analytical Thinking, Communication, Collaboration, Adaptability, Adapt to new challenges, Leadership

Certifications

The Complete 2024 Web Development Bootcamp
Udemy, Dr. Angela Yu   Sep. 2023 – May 2024
Full Stack Web Development (PHP with MySQL)
IIT Kanpur, India   Dec. 2022 – Jan. 2023