DIPESH MISHRA

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Professional Summary

Aspiring Full-Stack Software Developer with expertise in Python, Java, Flask, and modern front-end technologies (React, Tailwind CSS, Bootstrap). Skilled in designing scalable web applications, RESTful APIs, and database systems. Strong foundation in OOP, Data Structures, Algorithms, and cloud-based solutions. Passionate about creating efficient and impactful digital products.

Technical Skills

Programming Languages: Python, Java, JavaScript, C
Front-end: HTML5, CSS3, Tailwind CSS, Bootstrap, React.js
Back-end: Flask, RESTful APIs
Databases: MySQL, MongoDB, SQLite
Tools & Platforms: Git, GitHub, VS Code, Postman, Docker

Experience

Independent Full-Stack Developer   Oct 2024 – Present

– Developed and deployed multiple full-stack applications using React, Tailwind, Bootstrap, Flask, and MongoDB.
– Designed and implemented RESTful APIs with user authentication and role-based access control.
– Maintained version control using Git and performed testing with Postman.

Projects

Webathon 3.0   Aug 2025
HTML, CSS, JS, React.js, Three.js

– Created an interactive web platform with dynamic 3D visuals for tech events.
– Implemented responsive design and smooth navigation across pages (Events, About, Contact).

Student Management System   Mar 2025 – May 2025
HTML, CSS, JS, Bootstrap, Flask, SQLite

– Built a CRUD-based admin panel to manage students, courses, marks, and registrations.
– Implemented role-based login and secure authentication.
– Integrated SQLite database for efficient storage and retrieval.

Online Quiz Platform   Oct 2024 – Dec 2024
HTML, CSS, JS, Bootstrap, Flask, MongoDB, API

– Built an interactive quiz platform with admin and student roles.
– Integrated back-end APIs and MongoDB for dynamic data handling.
– Ensured secure authentication and role-based access control.

Certifications

– AI Foundations Course (2025)
– Java Programming Certification – Mindluster (2025)
– Web Development Fundamentals Certification – Mindluster (2024)
– Webathon 3.0 (3rd Position, 2025)

Education

Bachelor of Computer Applications (BCA)   2023–2026
Graphic Era Hill University, Haldwani   CGPA: 8.5/10