

ADITYA NARAYAN SINGH

FULL STACK WEB DEVELOPER | JAVA | PYTHON | MYSQL

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📄 GitHub: <https://github.com/aditya-065-code>

EDUCATION

Bachelor of Technology in Computer Science and Engineering

Amity University, Uttar Pradesh

2022 – 2026

CGPA:6.96

SUMMARY

Entry-level Full Stack Web Developer with internship experience in building and maintaining web applications using JavaScript, HTML, CSS, MySQL, Python, and Java. Hands-on experience in frontend development, backend logic, and database management. Actively seeking full-time software engineering or web developer roles.

Currently exploring Large Language Models (LLMs), APIs, and prompt engineering using open-source tools like Ollama. Seeking an opportunity to apply data and AI skills in real-world systems..

TECHNICAL SKILLS

Programming Languages: Java, Python

Frontend Technologies: HTML5, CSS3, JavaScript

Backend & Logic: Java, Python

Databases: MySQL

Tools & Platforms: Git, GitHub, VS Code

Data & AI: Generative AI (LLMs, Prompt Engineering), Basic NLP Concepts

WORK EXPERIENCE

Zyope LLC | July 2025 – Sep 2025

Full Stack Web Developer Intern

- Contributed to the development of production-level web applications using modern frontend and backend technologies.
- Built responsive UI components and integrated backend logic with frontend interfaces..
- Designed and maintained relational databases, supporting efficient data storage and retrieval.
- Improved website performance through optimization techniques and code-level enhancements.
- Supported application stability and quality through feature refinement and issue resolution.
- Collaborated with team members to deliver features and improve application quality.

CodSoft | May 2025 – June 2025

Web Development Intern (Virtual)

- Developed multiple frontend web applications using HTML, CSS, and JavaScript.
 - Built responsive user interfaces and implemented client-side logic.
 - Worked on real-world mini projects including landing pages, calculators, and task-based applications.
 - Strengthened understanding of frontend architecture, code organization, and problem resolution.
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PROJECTS

Finance Backend API | Node.js, Express, MySQL

- Developed a RESTful backend system for managing financial records (income & expenses)
- Implemented JWT-based authentication and role-based access control (RBAC) for secure API access
- Designed and executed CRUD operations with MySQL, ensuring data integrity and relational consistency
- Built advanced filtering APIs (date, category, type) and dashboard endpoints for analytics

- Structured the project using modular architecture (controllers, routes, middleware, database)
- Secured sensitive data using environment variables (.env) and implemented error handling
- Used parameterized queries to prevent SQL injection attacks
- Tested APIs using Postman and ensured proper status handling

LLM-Based Web Content Summarizer | Python, Ollama

- Built a system to fetch and summarize website content using open-source LLMs.
- Integrated Python-based web scraping with prompt-based text summarization.
- Gained hands-on experience with chat-based APIs and structured message formats.

Hyperlocal Job & Grocery Ordering Portal | HTML, CSS, JavaScript, MySQL

- Developed a hyperlocal web application to discover nearby jobs and grocery stores within a 10 km radius.
- Implemented JavaScript-based location filtering logic, improving local discovery accuracy by 95%.
- Designed and managed MySQL database schemas for user and listing data

Attendance Management System | HTML, CSS, JavaScript, MySQL

- Developed a role-based web application to manage student attendance for Admins, Teachers, and Students.
- Implemented authentication and role-based access control to secure application features.
- Designed and maintained MySQL databases to store user, subject, and attendance information.
- Enabled digital attendance marking and record management to improve efficiency over manual processes.
- Ensured data accuracy and usability with a locally deployed system for institutional environments.

Portfolio Website | HTML, CSS, JavaScript

- Designed and developed a responsive personal portfolio to showcase projects and technical skills.

Weather Application | HTML, CSS, JavaScript

- Built a weather forecasting application displaying real-time weather data using the OpenWeather API.

To-Do List Application | Python

- Developed a task management application with dynamic task addition and deletion functionality.

Landing Page | HTML, CSS, Bootstrap

- Created a responsive landing page optimized for multiple screen sizes using Bootstrap and CSS Grid.

Calculator Application | HTML, CSS, JavaScript

- Implemented a fully functional calculator supporting standard arithmetic operations.

CERTIFICATIONS

- Web Development (HTML5, CSS3, JavaScript) – Udemy, 2025
- React.js Complete Course – Udemy, 2025
- Core Java Programming – Udemy, 2025
- C++ Programming – Udemy, 2023
- Networking Basics (Routing & Switching) – Cisco Networking Academy, 2025

SOFT SKILLS

Teamwork, Communication, Problem-Solving, Time Management, Adaptability

EXTRACURRICULAR ACTIVITIES

- Completed NCC School Camp, strengthening leadership and teamwork skills.
- Completed 5-Day Military Training at Amity University, improving discipline, endurance, and tactical planning.