Aditya Kurani

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SUMMARY

Dedicated student with a strong passion for software development, proficient in multiple programming languages. Actively seeking to tackle coding challenges and enhance problem-solving skills through hands-on projects and coursework. Committed to continuously expanding technical knowledge to adapt to evolving industry trends.

SKILLS

Languages & Frameworks : C, C++, Python, JavaScript, PHP, Hack, React.js, React Native, Node.js, Express.js

Web & App Development : HTML5, CSS3, Tailwind CSS, Bootstrap, Flask, REST APIs, OAuth 2.0, WebSocket, FastAPI, WordPress

Database & Tools : MySQL, PostgreSQL, MongoDB, NoSQL, Postman, Cloudinary, Docker

EDUCATION

IIIT Nagpur   **Sept 2023 - June 2027**
Bachelors in Technology in Computer Science and Engineering   **Current CGPA: 8.10**
Coursework: Data Structures and algorithms, Web Development, Computer Programming, Operating Systems and OOPS .

EXPERIENCE

BACKEND DEVELOPENT INTERN | eSubhalekha   **Jan-Mar 2025**
- Built backend systems with PHP and Hack using MVC frameworks, supporting up to **1,000 requests** per day.
- Improved routing efficiency, reducing response times by **15%** and optimizing server performance.
- Streamlined data flow, boosting system speed and reliability by 20%.
- Contributed to code structure improvements, reducing maintenance **time by 25%**.

PROJECTS

Outfit-AI • (github.com/Outfit-AI) • **Live** :outfit-ai.com • **App** :outfit-ai.app
- Developed a MERN stack web app that recommends outfits based on user-uploaded clothes, weather, location, age and gender.
- Allows users to preview outfits using AI-generated images, generating over **300+ styled previews** during testing.
- Added social features such as outfit sharing and selling, resulting in **120+ shared looks** and 40+ listed items in the first month.
- Scraped **1,000+ product** listings from Amazon and Myntra using BeautifulSoup and Selenium to provide personalized shopping.
- Built and deployed a companion Android app, increasing platform accessibility and boosting daily active users by 40%.
- Achieved **100+ active users** and a **75% satisfaction** rate based on in-app feedback.
- **Tools & Technologies:** React.js, Node.js, Express.js, MongoDB, Tailwind CSS, BeautifulSoup, Selenium, React Native.

Virtual Voice Assistant • (github.com/VoiceAssistant) • **Demo**
- Built a cross-platform AI assistant with voice and text command support for system control, task automation, and productivity.
- Integrated Google Calendar API, allowing users to manage **100+ reminders** and events through natural language input, reducing manual scheduling time by **60%**.
- Added smart search capabilities across platforms like Google, YouTube, and Amazon to enhance usability.
- Implemented media and app control features, automating frequent tasks and improving user **efficiency by 30–40%**.
- **Tools & Technologies:** Python, Gemini API, Google Calendar API, OpenCV, SpeechRecognition, pyttsx3, Selenium.

Online Appointment Interface • (github.com/OnlineAppointment) • **Demo**
- Created a full-stack medical web application enabling users to book doctor appointments, find nearby clinics using geolocation, rate doctors, receive digital prescriptions via email, and chat in real time — tested by **200+ users**.
- Enabled clinic managers to manage **50+ doctors**, update clinic information, and monitor appointment history.
- Integrated real-time communication using WebSocket for chat and live updates between patients and doctors.
- **Tools & Technologies:** PHP, Hack, SQL, WebSocket, JavaScript, Custom REST APIs.

Social Media • (github.com/SocialMedia)
- Developed a social media application enabling users to sign up, post updates, add friends, share content for over **100+ users**.
- Implemented features like real-time messaging (handling **1,000+ messages**/day), story sharing (with image and reply support), user-controlled last-seen status, and media sharing (images and videos up to 20MB).
- Achieved over 200+ user interactions, **50+ shared posts**, and ensured seamless performance for **50+ simultaneous** users.
- **Tools & Technologies:** PHP, Hack, SQL, JavaScript, WebSocket, HTML/CSS.

AWARDS & ACHIVEMENTS
- Ranked 5th in a national-level hackathon by IIITM Gwalior, 2024, for an AI-based farming solution.
- Reached the final round (Top 50 of 1600) of a national hackathon hosted by Medecro.ai, 2024.
- Qualified IYMC (International Youth Math Competition) 2023,24.
- Solved 150 questions on Leetcode.