

Aaswani Vishwakarma

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Summary

Motivated BSc Computer Science student with strong programming skills and hands-on experience in developing user-centric applications. Proficient in multiple programming languages including Python, C++, HTML, and Rust. Passionate about creating innovative solutions that bridge technology and user needs. Experienced in full-stack development, UI/UX design using Figma, and leveraging AI tools to enhance development efficiency.

Technical Skills

Programming Languages: Python, C++, Rust, flutter, kotlin.

Design Tools: Figma

Projects

1. Windows Text Editor

- Developed a fully functional text editor application for Windows using Python
- Implemented core features including file operations (open, save, save as), text editing capabilities, and a clean user interface
- Designed with focus on simplicity and ease of use for everyday text editing tasks
- Completely designed in Figma and coded independently with AI assistance

2. Browser

- Built a WebView-based browser application optimized for Best UI & UX experience for mobile usage
- Focused on delivering an exceptional user experience with intuitive navigation controls positioned for thumb accessibility
- Implemented ergonomic UI design principles to reduce distraction during browsing sessions
- Features include streamlined navigation, widget, music control, quick tab access, AI integration for quick access and responsive design
- Completely designed in Figma and coded independently with AI assistance

3. Setu - Government Services Bridge

- Created a comprehensive platform that consolidates all government services under one unified interface

- Developed to simplify citizen access to government resources by eliminating the complexity and fragmentation of traditional government portals
- Built a user-friendly prototype that transforms the overwhelming experience of navigating multiple government websites into a seamless, centralized solution
- Designed to bridge the gap between government services and common people, making civic engagement more accessible
- Completely designed in Figma and coded independently with AI assistance

4. Weather Application

- Developed a real-time weather application using the OpenWeather API
- Provides accurate, live weather data for any location worldwide
- Features include current weather conditions, temperature, humidity, wind speed, and weather forecasts
- Implemented clean and intuitive interface for easy weather information access
- Completely designed in Figma and coded independently with AI assistance

Note: All projects listed above were fully designed by me using Figma and coded by me with the assistance of AI tools.

Achievements

1st Prize – Artificial Hackathon "Bytedance"

- Hosted by Narse Monje College of Commerce and Economics
- Developed an innovative machine learning model that automatically extracts ISBN numbers from the back covers of textbooks
- Implemented automated data storage system that logs extracted ISBN information to Excel spreadsheets with corresponding image file names
- Solution streamlines library and bookstore inventory management processes

2nd Round Qualifier – A.C.C Hackathon

- Hosted by Mukesh Patel College of Engineering and Management
- Advanced to the second round with the Setu application project
- Presented a working prototype that consolidates all government services into a single, user-friendly platform
- Demonstrated strong problem-solving skills and ability to address real-world civic technology challenges

Certifications

- Quick Heal Cyber Security Awareness Internship: Delivered cybersecurity presentations to various schools and colleges, educating students on online safety and threats.
- IIT Bombay HTML and Python Program Certification: Completed certification for foundational HTML and Python programming through IIT Bombay recognized courses.

- Robo Workshop Completed: Worked on diverse robotic projects using sensors (moisture, Arduino Uno, Raspberry Pi), focusing on hands-on innovation and embedded systems.

Education

Bachelor of Science in Computer Science

[Mumbai University] • [2026]

[Mumbai, Maharashtra]