

Ayush Singh

Bachelor of Technology

Computer Science Engineering

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PROFESSIONAL SUMMARY

Junior Software Engineer with practical experience in debugging, testing, and maintaining software systems. Comfortable in finding issues, analyzing bugs, and validating fixes. Familiar with software development and testing life cycles and able to work well in team-based, agile environments.

EXPERIENCE

• Axiom Consulting

Feb 2026 – May 2026

Trainee Technical Consultant

Noida, India

- Worked on Microsoft Dynamics 365 Business Central customization and ERP module development
- Assisted in developing payroll and employee management automation features
- Built and tested APIs for Business Central integrations using structured service architecture
- Worked with React Native CLI for Android application development in the floor and furnishing project
- Debugged application issues, tested workflows, and improved backend functionality
- Collaborated with team members in agile-based development environment

• The Linux Foundation (Openprinting)

July 2025 – Present

Maintainer and Open Source Contributor

Remote

- Maintained and curated the legacy-drivers repository to preserve support for abandoned printer drivers.
- Fixed broken metadata, HTTP 404 links, and archive references in OpenPrinting repositories.
- Improved the Foomatic platform by fixing routing and PPD download issues.
- Investigated and resolved software defects through debugging, testing, and root-cause analysis.
- Collaborated with global open-source maintainers through code reviews and technical discussions.
- Ensured legal compliance by avoiding redistribution of proprietary firmware.

PROJECTS

• MoodBite.AI – AI Based Food Recommendation Web App [Link](#)

Tech Stack: Python, Next.js, API Integration

- Developed a web application that suggests food based on user mood and daily activities improving usability and support
- Implemented backend logic in Node.js to handle user requests and responses
- Integrated APIs to generate personalized food recommendations
- Tested application with different inputs to improve recommendation accuracy

• Aura.AI – AI Based Assistant Web Application [Link](#)

Tech Stack: Next.js, Clerk, REST APIs

- Built a simple AI-based assistant for answering user queries and basic tasks
- Created backend services using Node.js to manage API calls and data flow
- Implemented smooth communication between frontend and backend
- Ensured proper handling of user input and response display

SKILLS

- **Programming Languages:** Python, SQL, Javascript
- **Frameworks:** Next.js, Node.js, Express.js
- **Tools:** Git, GitHub, VS Code, Linux, Postman, Requestly
- **Concepts:** Debugging, REST APIs, Open Source Collaboration, App Testing, Website Testing

ACHIEVEMENTS & CERTIFICATIONS

- **Hacktoberfest 2025** – Super Contributor
- **IIT Kanpur** – Open Source Conference
- **Google Developer Groups** – Campus Solution Challenge
- **IBM Cognitive Class** – Python for Data Science, Cloud Essentials