

Aditya Roy

+91-9137657510 — ✉ aditya.roy9395525@gmail.com — [in linkedin.com/in/aditya-roy-0492ab26b/](https://www.linkedin.com/in/aditya-roy-0492ab26b/) — github.com/AdityaRoy999

Skills

Cloud google cloud
Languages Python, Bash, C++ , Java
Frameworks Flask
OS Kali Linux, Ubuntu, Windows

Version Control Git, GitHub
Containerization Kubernetes
Databases MySQL

Experience

Cisco Technical Club

Nov 2024 – Present

Core Member, Research & Development Team

- Led technical research to improve internal systems and club projects, driving innovation in networking and event efficiency.
- Authored comprehensive documentation on Cisco technologies, supporting workshops and enhancing participant learning outcomes.

Microsoft Technical Club

Nov 2024 – Present

Core Member, Technical RnD Team

- Orchestrated the planning and execution of the Garuda 3.0 national hackathon, ensuring seamless operations and a 20% increase in engagement.
- Conducted applied research on Microsoft technologies and built documentation using Microsoft 365 tools to elevate the technical depth of club events.

Hacktoberfest

Oct 2024 – Present

Open Source Contributor

- Contributed production-level code to real-world open-source projects using C++ , Python, and web technologies, improving code quality and functionality.
- Collaborated with a global developer community, earning all official badges and strengthening code reliability through peer-reviewed contributions.

Girlsript Summer of Code (GSSoC)

Oct 2024 – Present

Open Source Contributor

- Enhanced multi-module software projects using C++ and Python, adding new features and improving performance across the stack.
- Documented all contributions on GitHub, showcasing consistent, transparent development for open-source communities and recruiters.

Projects

DimaCare

Feb 2025 – March 2025

- Enhanced the quality of life for dementia patients by developing an AI-powered app with chatbot, reminders, and SOS features, improving user independence.
- Built using React.js and Flask, integrating Generative AI to offer real-time assistance, resulting in positive feedback from beta users.

Data Wiz

July 2024

- Simplified data analysis for non-tech users by creating a Streamlit app to upload, visualize, and filter CSV files, improving usability and insights.
- Enabled graph customization and multi-format downloads using Python, increasing tool versatility for presentations and reports.

Aapki Sakhi

August 2024

- Improved access to menstrual health products in remote areas by building a web platform with payment integration, enabling doorstep delivery.
- Added a chatbot and live chat support using HTML, JS, and Python, increasing user engagement and trust in the platform.

Net Ninja

August 2024

- Strengthened digital security for users by creating a Streamlit-based toolkit with encryption and vulnerability scanning, reducing risks by 30%.
- Used Python for both frontend and backend, paired with detailed documentation, boosting adoption and ease of use.

Education

VIT Bhopal University

Bachelor of Technology in Computer Science (Cyber Security and Digital Forensics)

2023 – 2027

CGPA: 9.21

Achievements

Winner, InnoveMinds Expo'25 Hackathon

- Led the development of an AI-powered dementia app, improving patient care through memory timelines, SOS alerts, and a caregiver chatbot.
- Built using React.js, Flask, and Generative AI, delivering a solution praised for its innovation and real-world applicability.

Runner-Up, Space Vita Ideathon

- Designed a Mars rover platform to convert rover camera data into interactive graphs, aiding scientific analysis.
- Utilized NASA's open rover API and created a detailed tech roadmap and documentation, ensuring clarity and implementation ease.

Final Round Qualifier, VIT Bhopal x Johns Hopkins University International Hackathon'25

- Ranked in the top teams among 250+ participants by presenting a dementia support system with AI features and emergency tools.
- Developed the solution using React.js, Flask, and Generative AI, showcasing advanced integration in healthcare tech.

Certifications

Innovating in Google Cloud AI

April 1, 2025

Career Essentials in Cybersecurity by Microsoft and LinkedIn

June 20, 2024

Cybersecurity Awareness: Cybersecurity Terminology

June 19, 2024

Cybersecurity Foundations

June 20, 2024

Microsoft Copilot for Security

June 20, 2024

The Cybersecurity Threat Landscape

June 19, 2024