

# Alok Ranjan

alokraj3850@gmail.com | +91 9939732514 | Delhi

## CAREER OBJECTIVE

Skilled in Python, cloud computing, bash scripting, and data analysis, seeking opportunities to apply my technical expertise and hands-on experience to contribute effectively in a dynamic work environment and further develop my professional skills.

## WORK EXPERIENCE

**Campus Ambassador • Internship**  
IIT Delhi — Rendezvous'24, Virtual  
Ambassador | IIT Delhi Rendezvous 2024 Promoted Asia's largest cultural fest across multiple channels, driving participation and engagement. Built relationships with participants and sponsors to build festival outreach.

Sep 2024 - Present

## EDUCATION

**Bachelor of Science (B.Sc),**  
Indian Institute Of Technology Madras

2024 - 2028

**Bachelor of Technology (B.Tech), Electronics and Communication**  
Galgotias College Of Engineering And Technology

2024 - 2028

## TRAININGS / CERTIFICATIONS

**Google Cloud Skills**  
Sep 2024 - Present  
Google, Virtual  
Enrolled in training focused on Google Cloud platform service and architecture.

**Microsoft Student Ambassadors Program**  
Sep 2024 - Present  
Microsoft, Virtual  
Currently learning cloud computing fundamentals with a focus on Azure.

**Generative AI Course**  
Aug 2024 - Present  
Linkedin, Virtual  
Gained knowledge in AI models and their applications in real world scenarios.

**Google IT Support Professional Certificate**  
Jul 2024  
Google, Virtual  
Completed coursework on IT support, networking, operating systems, system administration and security.

**CS-50 Courses**  
May 2024 - Present  
Harvard University (edX), Virtual  
Covered foundational programming concepts, algorithms and problem solving in computer science.

## PORTFOLIO

[GitHub link ↗](#)

## PROJECTS

Enabling Cloudflare DNS System - Wide for Android



Jun 2024 - Jul 2024

Developed a Magisk module to enforce Cloudflare DNS (1.1.1.1) across all Android network traffic, enhancing privacy, security, and speed. The module replaces default DNS configurations system-wide, ensuring that all app and system-level requests are routed through Cloudflare DNS. It's optimized for compatibility with various Android ROMs and minimal battery usage. This project highlights my skills in Android system customization, networking, and scripting, focusing on improving DNS performance and security for users.

SKILLS

- Bash
  - JavaScript
- Python
  - Microsoft Azure
- HTML&CSS
  - Google Cloud Computing

EXTRA CURRICULAR ACTIVITIES

- Open-Source Contributions – Developed Magisk modules and scripts for Android and Linux on GitHub. Custom Android Development – Experience in rooting, ROM customization, and system automation.

ADDITIONAL DETAILS

- Personal Projects: Developed custom scripts and tools for enhancing system performance and user experience on Linux and Android platforms. Interests/Hobbies: Passionate about advancements in AI, cybersecurity, and software development.

Telecom Data Analysis Project



Jul 2024

Created as part of a project during my studies at IIT Madras. Developed a comprehensive analysis of telecom data, comparing ratings and call drop rates. Designed and implemented a Google Site to present findings and insights.