

ADEEP A.G

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EDUCATION

B.E. – Information Science and Engineering

Sai Vidya Institute of Technology (SVIT), Bengaluru

09/2025 – 09/2029

EXPERIENCE

Vichark

Fellow

09/2026 – Present

Remote (Online)

· Selected for an online fellowship program conducted remotely.

SKILLS

Programming Python, C, C++, SQL, HTML, Java

Hardware Raspberry Pi, Arduino, LiDAR, Ultrasonic Sensors, RFID, NFC

Technologies Linux, Fast APIs, Firebase, Server Deployment, Web Development, Bot Development, Vercel, Render, Cloudflare, Cloudinary

PATENTS

RFID-Based Public Bus Tracking and Passenger Information System 📄

Filed: 05 Jun 2026

App No. **202641070548 A** · Published: 12 Jun 2026 · Patent Office, India · SVIT · 5 Claims, 9 Inventors.

RFID checkpoint-based real-time bus tracking with NFC digital ticket validation, eliminating paper tickets and manual verification.

PROJECTS

Alogin – Python Authentication Library 📄

02/2026 – Present

Python auth library on PyPI (v0.2.1) with 3000+ downloads. Simplifies authentication for developers and applications.

Gojo – Linux Server Monitoring Bot 🔄

01/2026 – Present

Discord bot for remote Linux server monitoring – displays CPU/RAM usage and allows admin management via Discord.

RCSVITCloud – Club Media Gallery 📄 🔄

Present

Media gallery web app for the RCSVIT college club with 100+ daily active users. Stack: FastAPI, Cloudflare D1, Cloudinary, vanilla JS.

Geto Web IDE 📄 🔄

10/2026 – Present

Browser-based IDE for Vicharak Shrike-Lite (RP2040 + FPGA), supporting MicroPython execution, USB communication, device file management, and FPGA flashing.

AWARDS & RECOGNITION

Hackathons – 13+ till now

2025 – 2026

1st ISE Dept Hackathon, SVIT · **2nd** NCET Hackathon, Nagarjuna College of Engg. & Tech. · **2nd** Sapthagiri NPS University Hackathon

College Startup Incubation – Team Lead, SVIT

2025 – Present

Team selected among a handful from 100+ first-year teams. Leading the team and continuing into the program.

Innovation Grant – Autonomous Sensor-Based Car

10/2025

Rs.12,000 institutional funding to build a LiDAR / ultrasonic sensor-based autonomous car prototype.

CERTIFICATIONS

Palantir Foundry Certified – Foundry Aware 📄

Aug 2026

Issued by Palantir Technologies. Score: 78%. Valid through Aug 2028.