

Anish Kulkarni, B.Tech

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Education

JSS Academy of Technical Education, Bengaluru

Bachelor of Technology (B.Tech) 2022 – 2026

Sadhana Pre-University College, Bengaluru

PCMC – Karnataka State Board 2020 – 2022

Ekya School, Bengaluru

Secondary School Education (CBSE) 2018 – 2020

Technical Skills

- **Programming:** Python (Scripting, Security Tools)
- **Security:**
 - Network: Wireshark, Nmap, Firewalls
 - Cloud: AWS IAM
- **Systems:** Linux (Bash, SSH)
- **Tools:** Git, VS Code, \LaTeX

Experience

Probion (Academic Project)

Semester Project

- Designed a problem-solution platform concept to connect seekers with solvers using voting system
- Researched market needs and proposed scalable model for validating high-impact problems
- Tools: Python (Flask for prototyping), Git, Figma (UI mockups)

AI-Based Bathymetric Mapping (Major Project)

Research Project

- Collaborating on ML models to integrate sonar, lidar for underwater terrain mapping
- Focus areas: Data preprocessing (Sentinel-2, ICESat-2), CNNs for depth estimation
- Tools: Python (TensorFlow, PyTorch), GIS tools

Projects

Wi-Fi Security Scanner

Python tool using Nmap to scan networks and detect weak encryption (WEP/WPA)

Password Leak Checker

Python script checking passwords against "Have I Been Pwned" API