

# Atharva Bodade

Information Technology Student

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LinkedIn — GitHub — HackerRank

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## Education

College Name	Degree	Branch	Year	SGPA
Shri Sant Gajanan Maharaj College of Engineering, Shegaon	BE	IT	2023-2027	7.43

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## Experience

**Mozilla Open Source Community** — *Tech Advisor* (Oct 2023 - May 2024)

- Contributed to **HacktoberFest 2023**, resolving issues, submitting PRs, and mentoring new contributors.
  - Developed open-source projects using Git and GitHub, improving collaboration skills.
  - Led sessions on version control, enhancing project contribution efficiency.
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## Skills

**Programming:** Python, Bash, Terraform, C

**Libraries:** NLP, Deep Learning, Flask, NumPy, Pandas, Streamlit

**Networking:** TCP/IP, HTTP, DNS, VPN, Firewall Configurations

**Tools:** AWS, Azure, Kali Linux, Git, VirtualBox, Benchmarking

**Databases:** AWS DynamoDB, MySQL, MongoDB

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## Projects / Open-Source Contributions

**CIS Benchmark Audit Script** — *Shell, Python, Automation*

[Project Link]

- Automated auditing for Windows 11 and Linux distributions, ensuring compliance with CIS benchmarks.
- Developed a **Tkinter-based GUI** for simplified security audits.

**Solar Panel Detection (ISRO Hackathon)** — *Python, GenAI*

[Project Link]

- Built a SegFormer-based segmentation model for satellite image analysis.
- Model can detect solar panels from satellite images

**QOS - Quantum Operating System** — *Operating System, C, Assembly (NASM), GCC, QEMU*

[Project Link]

- Currently building a basic operating system (QOS) from scratch in C and Assembly also writing detailed technical documentation
- focusing on core components and quantum computing simulations and modules

**Automation Scraping for Startups** — *Python, Node.js, MongoDB*

[Project Link]

- Automated data extraction from Crunchbase and Google for business insights.
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## Certifications

- Google Cloud Networking Fundamentals** - Demonstrates expertise in cloud networking.
  - SQL (Intermediate)** - HackerRank
  - AWS Academy Graduate** - Cloud Security Foundations
  - AWS Academy Graduate** - Cloud Architecting
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## Honors & Awards

- Finalist at Smart India Hackathon** (IIT Kharagpur, NTRO Problem Statement)
- Runner-up at VNIT ISRO Hackathon** (VNIT Nagpur)