

# Ashrith H N

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## EDUCATION

**Government Engineering College Mosalehosahalli (VTU)** Hassan, Karnataka  
*Bachelor of Engineering in Computer Science and Engineering; CGPA: 8.88/10.0*  
Dec 2022 – May 2026

**Government Independent PU College, Balehonnur** Karnataka  
*Pre-University (PCMB); Percentage: 88%*  
2022

## TECHNICAL SKILLS

**Programming Languages:** Python, C, Java (Core Java)  
**Web Technologies:** HTML5, CSS3, React.js, Node.js  
**Databases:** SQL, NoSQL, Supabase  
**DevOps & Tools:** Git, Docker, Firebase, VS Code, Unix/Linux  
**Cybersecurity Tools:** Kali Linux, Cowrie Honeypot, Wireshark, Grafana, Loki  
**Core Competencies:** Data Structures, Algorithms, OOP, REST APIs, Backend Development

## PROJECTS

**GLAD-Cell: Event Management Platform** [glad-cell.vercel.app](https://glad-cell.vercel.app)  
*Tech Stack: React.js, Firebase, Supabase (NoSQL)* Apr 2025 – Present  

- Built a comprehensive event management platform for college hackathons and technical events
- Implemented barcode-based registration system and admin dashboard for real-time event tracking
- Deployed production-ready application with Firebase backend and Supabase database integration

**Cybersecurity Deception System** [GitHub](#)  
*Tech Stack: Python, Cowrie SSH Honeypot, Wireshark, Grafana, Loki* Ongoing  

- Building an intrusion detection system to capture and analyze attacker behavior patterns
- Implementing real-time security analytics dashboard using Grafana with Loki integration
- Deploying SSH honeypot infrastructure for threat intelligence gathering and network security analysis

**CodeHere: Multi-Language Online Code Editor** [GitHub](#)  
*Tech Stack: React.js, Node.js, Monaco Editor* Sep – Dec 2024  

- Engineered an online code editor supporting C, C++, Python, and Java with syntax highlighting
- Integrated real-time code execution engine with secure sandboxed environment using Node.js backend
- Implemented Monaco editor for enhanced user experience with auto-completion and error detection

## EXPERIENCE

**Lab Coordinator** Government Engineering College Mosalehosahalli  
*Computer Lab Management & Technical Support* 2023 – Present  

- Managing computer lab infrastructure and providing technical assistance to 100+ students

**Open Source Contributor** GirlScript Summer of Code 2025  
*Tech Contributors Program* 2025  

- Contributing to open source projects with merged pull requests across multiple repositories

**SDE Training Program** Algorithm 365  
*Data Structures, Algorithms, Full-Stack Development* Aug 2025 – Present  

- Undergoing training in DSA, OOP, REST APIs, and SQL/NoSQL databases

## ACHIEVEMENTS & CERTIFICATIONS

**Finalist, CIT Tumkur 24-Hour Hackathon (2023)** – Created an email phishing detection website

**3rd Place, PESIT Mandya Prompt Wars (2023)** – AI prompt engineering competition

**Postman API Fundamentals Student Expert** – API development, testing, and documentation

**Languages:** English (Professional), Kannada (Native), Hindi (Conversational)