

# Ashrith H N

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## EDUCATION

<b>Government Engineering College Mosalehosahalli (VTU)</b> <i>Bachelor of Engineering in Computer Science and Engineering; CGPA: 8.88/10.0</i>	Hassan, Karnataka Dec 2022 – May 2026
<b>Government Independent PU College, Balehonnur</b> <i>Pre-University (PCMB); Percentage: 88%</i>	Karnataka 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

<b>GLAD-Cell: Event Management Platform</b> <i>Tech Stack: React.js, Firebase, Supabase (NoSQL)</i> <ul style="list-style-type: none"><li>Built a comprehensive event management platform for college hackathons and technical events</li><li>Implemented barcode-based registration system and admin dashboard for real-time event tracking</li><li>Deployed production-ready application with Firebase backend and Supabase database integration</li></ul>	<a href="https://glad-cell.vercel.app">glad-cell.vercel.app</a> Apr 2025 – Present
<b>Cybersecurity Deception System</b> <i>Tech Stack: Python, Cowrie SSH Honeypot, Wireshark, Grafana, Loki</i> <ul style="list-style-type: none"><li>Building an intrusion detection system to capture and analyze attacker behavior patterns</li><li>Implementing real-time security analytics dashboard using Grafana with Loki integration</li><li>Deploying SSH honeypot infrastructure for threat intelligence gathering and network security analysis</li></ul>	<a href="#">GitHub</a> Ongoing
<b>CodeHere: Multi-Language Online Code Editor</b> <i>Tech Stack: React.js, Node.js, Monaco Editor</i> <ul style="list-style-type: none"><li>Engineered an online code editor supporting C, C++, Python, and Java with syntax highlighting</li><li>Integrated real-time code execution engine with secure sandboxed environment using Node.js backend</li><li>Implemented Monaco editor for enhanced user experience with auto-completion and error detection</li></ul>	<a href="#">GitHub</a> Sep – Dec 2024

## EXPERIENCE

<b>Lab Coordinator</b> <i>Computer Lab Management &amp; Technical Support</i> <ul style="list-style-type: none"><li>Managing computer lab infrastructure and providing technical assistance to 100+ students</li></ul>	Government Engineering College Mosalehosahalli 2023 – Present
<b>Open Source Contributor</b> <i>Tech Contributors Program</i> <ul style="list-style-type: none"><li>Contributing to open source projects with merged pull requests across multiple repositories</li></ul>	GirlScript Summer of Code 2025 2025
<b>SDE Training Program</b> <i>Data Structures, Algorithms, Full-Stack Development</i> <ul style="list-style-type: none"><li>Undergoing training in DSA, OOP, REST APIs, and SQL/NoSQL databases</li></ul>	Algorithm 365 Aug 2025 – Present

## 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)