

Preetham Prasad

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Professional Summary

A proactive Computer Science undergraduate combining strong development skills in the MERN stack and C++ (DSA) with a deep interest in cybersecurity. I am focused on engineering robust and scalable software solutions, driven by a desire to optimize system reliability and security. Seeking SDE or SRE opportunities to apply my technical acumen and commitment to building resilient digital infrastructure.

Education

Vellore Institute Of Technology, Bhopal	Aug 2022 – Aug 2026(exp)
<ul style="list-style-type: none">Course: Btech in Computer Science and Engineering Specialization in Cybersecurity and Digital ForensicsCGPA: 8.78/10.0	
Sri Chaitanya PU College, Bengaluru (12th)	June 2021 – May 2022
<ul style="list-style-type: none">Course: PCMC (Physics, Chemistry, Math, Computer Science)Percentage: 74%	
SJR Public School, Bengaluru (10th)	June 2019 – May 2020
<ul style="list-style-type: none">Board: CBSEPercentage: 83%	

Certifications

• AWS Solutions Architect, Ethnus	(Ongoing)
• MERN Full Stack Development, Ethnus	(Ongoing)
• NPTEL Cyber-Physical Systems Certification	May 2024
• Google's Bits and Bytes of Computer Networking, Coursera	Dec 2023
• Offensive Bug Bounty Hunting Certification, Udemy	Jan 2023

Projects

Fact Scan	Github
<ul style="list-style-type: none">Developed an NLP-based tool to detect fake news through language pattern analysis.Evaluated multiple machine learning models to determine the most accurate solution for fake news detection.Tech Stack: Jupyter notebook, Python, scikit-learn, Data minimization, SVM, Linear regression.	
Static and Dynamic Vulnerability Detection in CI/CD Environment	Github(SAST) Github(DAST)
<ul style="list-style-type: none">Built a secure CI/CD pipeline integrating SAST (SonarQube) and DAST (OWASP ZAP) using GitHub Actions on a custom Node.js app. Automated detection of code-level and runtime vulnerabilities with generated HTML/JSON reports.Exposed local apps using ngrok/cloudflare for remote DAST scanning via OWASP ZAP/ Wapiti.	
GuideLink	Ongoing
<ul style="list-style-type: none">Aims to help travelers connect with local guides through a simple and intuitive interface.Currently building a mobile app using React Native and Expo, along with a web version using React.js. Using Firebase Authentication for user login and session handling.	

Skills & Interests

Skills: C++, SQL, JavaScript, HTML, CSS, React, MongoDB, Node.js, Express.js, Kali Linux, Burp Suite, Nmap, Wireshark,

Languages: English, Kannada, Hindi

Hobbies: Understanding New Technologies, Playing Tennis, Watching F1.