

Preetham Prasad

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Education

Vellore Institute Of Technology, Bhopal	Aug 2022 – Aug 2026 (exp)
<ul style="list-style-type: none">Course: B.Tech in Computer Science and Engineering, Specialization in Cybersecurity and Digital ForensicsCGPA: 8.84/10.0	
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%	

Skills and Tools

Cybersecurity Tools	Languages & Platforms	Web Development
<ul style="list-style-type: none">Kali LinuxBurp SuiteNmapWiresharkAirodump-ngMetasploitWpScan	<ul style="list-style-type: none">C++SQLAWS	<ul style="list-style-type: none">HTMLCSSJavaScriptReactNode.js/Express.jsMongoDB

Certifications and Achievements

50 Days of Code on Leetcode	(Leetcode)
AWS Solutions Architect, Ethnus	July 2025
MERN Full Stack Development, Ethnus	July 2025
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 for fake news detection, analyzing language patterns.Evaluated and selected optimal machine learning models for accurate 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) with GitHub Actions for a Node.js application. Automated detection of code-level and runtime vulnerabilities, generating HTML/JSON reports.Exposed local applications using ngrok/Cloudflare to enable remote DAST scanning via OWASP ZAP/Wapiti.	
Restaurant Reservation and Ordering System	Github
<ul style="list-style-type: none">Deployed a Restaurant Reservation and Ordering System on AWS, utilizing Elastic Beanstalk, EC2, RDS (MySQL), and S3 for core infrastructure.Enhanced system security by meticulously configuring AWS Security Groups for network access control, demonstrating foundational cloud security practices and secure application deployment.	

Additional Information

Languages: English, Kannada, Hindi

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