S Hitesh Borha

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https://hitesh114.github.io/h1t3x

Professional Summary

Cybersecurity professional specializing in developing and optimizing security solutions, grounded by experience as a Junior Software Engineer. Engineered a DDoS Detection System using Python and ML models, achieving 95% accuracy and reducing false positives by 30%. Combines strong analytical skills with expertise in Network Traffic Analysis, SIEM, and cryptography to build robust systems ensuring data integrity and reliability.

Work Experience

Junior Software Engineer – EappZ *August 2024 – July 2025 | Remote*

- Accomplished consistent UI scalability as measured by component reuse across modules by building 15+ reusable React components integrated into the main UI library.
- Achieved higher code reliability as measured by reduced front-end defects during QA cycles by conducting structured manual testing and debugging efforts.
- Improved team development efficiency as measured by faster sprint completion rates by collaborating in Agile sprints, contributing to planning, code reviews, and documentation.
- Enhanced product stability as measured by lower post-release issues by aligning new feature development with established coding standards and UI architecture patterns.

Education

SRM Institute of Science and Technology – Chennai

B.Tech in Computer Science, CyberSecurity

GPA: 8.2/10 Academic Project: DDoS Detection in IoT Networks, Smart Voting System for Data Integrity

Certifications

Foundations of Cybersecurity – Google

Networking Basics – Cisco

Introduction to Cybersecurity – CISCO

Tata Cybersecurity Security Analyst Job Simulation – Forage

Skills

Technical Skills:: Cybersecurity, Security Information and Event Management (SIEM), Network Traffic Analysis, Data Ethics, React.js, HTML5, CSS3, Linux, API Integration, Python, Machine Learning (ML) Models
Soft Skills:: Team Collaboration, Problem Solving, Analytical Skills, Consistency

Projects

DDoS Detection System

- Developed a Context Correlation-Aware ML model using Python and AI tools for IoT-based DDoS detection, achieving 95% accuracy, 30% fewer false positives, and 25% faster response time.

Smart Voting Machine

- Developed a Smart Voting System using Python, AI tools, and pre-defined models to enhance data confidentiality, integrity, and voter verification—achieving 0% data breaches and reducing voter fraud risk by 40%.

Customizable Website Framework

- Developed a responsive, reusable website framework using React JS, HTML5, and CSS3, collaborating in an Agile team via Slack and Bitbucket for version control, testing, and debugging to ensure high-quality code.