

# BHUMI PATEL

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## SUMMARY

Cybersecurity graduate student with hands-on HL7 language, HIPAA/HITRUST documentation, SIEM (Splunk), and secure SDLC workflows. Former SRE with AWS/GCP, Linux, Docker, and Jenkins experience; improves reliability, risk posture, and delivery speed.

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## EDUCATION

Roosevelt University  
Master of Science in Cybersecurity

Chicago, United States  
August 2024 – December 2025

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## EXPERIENCE

### SafeCHR

*Cybersecurity and Compliance Engineer (Intern)*

Remote, United States  
May 2025 – July 2025

- Planned workflows for EMR system, meeting 70% of HIPAA/HITRUST compliance during internship.
- Streamlined secured development using Jira/Confluence processes and github for version control, boosting team efficiency by 40%.
- Created HIPAA/HITRUST-compliant security documentation, reducing risks.

### CrestDataSystem

*Site Reliability Engineer*

Ahmedabad, India  
May 2022 – August 2024

- Investigated Search Head Cluster failure, analyzed logs in Splunk SIEM, reduced downtime risks by 40% with a real-time monitoring dashboard.
- Managed Splunk applications, updated/installed apps on customer stacks, improved system reliability by 30%.
- Upgraded/downgraded AWS/GCP stacks, took snapshots, enhanced deployment by 25%.

### eClinicalWorks

*Software Specialist*

Ahmedabad, India  
July 2021 - March 2022

- Implemented HL7 interfaces across cloud and on-prem systems, improving healthcare data exchange by 35%.
  - Developed optimized SQL/MySQL queries for databases, streamlined data retrieval and reporting, improved performance by 30%.
  - Resolved interface and data issues, improving system reliability and reducing recurring errors by 45% through training and risk mitigation.
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## SKILLS AND CERTIFICATES

**Technical:** SQL, MySQL, HL7, HIPAA, HITRUST, Splunk, Linux, AWS, GCP, Azure, Python, NIST CSF/800-53

**Tools:** Jenkins, Puppet, GitHub, GitLab, Jira, Confluence, Docker, Slack, Thruk

**Certificates:** National Cyber League (NCL) – Individual Game (Fall 2024 | Spring 2025), National Cyber League (NCL) – Team Game (Fall 2024 | Spring 2025), WiCyS UIC x LOGICA CTF (Advanced Track), Conquer the Hill CTF – CyberForce (US Department of Energy)

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## PROJECTS

### Electronic Health Records (EHR) System Analysis – Roosevelt University | Fall 2024

Analyzed MedDataCorp's EHR risks, applied risk frameworks, and proposed stronger data protection.

### User Policy Violation Investigation – Roosevelt University | Fall 2024

Investigated simulated corporate violations using security tools, presented findings with mitigations.

### Healthcare Access Triage Bot – Roosevelt University | Fall 2025

Built a healthcare MVP (chatbot, scheduling, analytics) using a secure development process to protect patient data.

### EduGuard — On-Chain RBAC Portal – Roosevelt University | Fall 2025

A minimal Solidity app where wallets register as teacher or student; teachers post assignments and grades, students submit work, and login auto-routes each role to the correct portal with simple on-chain checks.