

HARSHIV SARVODAY PATEL

SECURITY-FOCUSED DEVELOPER

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PROFESSIONAL PROFILE

Cybersecurity Specialist and Senior Secure Full Stack Developer with 4+ years of experience designing and implementing secure software solutions. Successfully led security initiatives that reduced vulnerabilities by 30% through penetration testing and security architecture improvements. Expertise in application security, DevOps, and cloud platforms (Azure, AWS), with hands-on experience integrating security into the SDLC, improving time efficiency by 25% and resource utilization by 20%. Developed and executed strategies that enhanced security posture across multiple projects, aligning with business goals and industry best practices. Adept at vulnerability assessment, secure coding, and staying ahead of evolving cybersecurity threats.

CORE COMPETENCIES

- Secure Software Development
- Full Stack Solution Development
- Multi-Disciplinary Collaboration
- B2B/B2C Software Solutions
- Agile Methodologies
- Project Management
- Risk Identification/Mitigation
- Vulnerability Assessment & Mitigation
- Security Architecture
- Threat Modeling
- Static & Dynamic Code Analysis
- Stakeholder Relations
- Incident Response
- Penetration Testing
- DRI and Incident Management
- Ethical Hacking

WORK EXPERIENCE

AV HOSPITALITY LLC, NORTH BERGEN, NJ, USA , SEP 2024 TO PRESENT

INFORMATION TECHNOLOGY ADMINISTRATOR, SEP 2024 TO PRESENT

- Oversaw and maintained IT infrastructure across AV Hospitality LLC, managing 5+ servers, networks, and computer systems to ensure 99.9% uptime and seamless operations across 5 hotel properties.
- Implemented and managed IT security measures, including firewalls, antivirus software, and security protocols, reducing security incidents by 20% and safeguarding company data for over 40 employees.
- Monitored system performance and provided troubleshooting, achieving a 98% issue resolution rate and ensuring optimal availability and reliability at each property.
- Handled installation, configuration, and upgrades of hardware and software, including operating systems and applications, reducing downtime by 30% through efficient rollouts.
- Managed 20+ user accounts, permissions, and access rights, ensuring secure access and compliance with company policies for all staff members.
- Provided technical support to hotel employees, resolving over 95% of hardware, software, and network issues within 24 hours.
- Coordinated with 10+ vendors and service providers to source IT products and services, negotiating cost-effective solutions that reduced IT expenses by 15%.

DEVELOPER SQUAD(DEVELOPERSQUAD.IN, DEVELOPERSQUAD.CA), SURAT, GUJARAT, INDIA (REMOTE), JUNE 2020 TO AUGUST 2024

CO-FOUNDER & SECURE SOFTWARE DEVELOPER, JUNE 2024 TO AUGUST 2024

- Co-founded and managed a software development company, overseeing business development, client acquisition, and project execution. Scaled the company to handle multiple software development projects simultaneously, delivering high-quality B2B and B2C solutions.
- Spearheaded security initiatives across five major client projects by integrating security best practices into the SDLC, conducting code reviews, and reducing vulnerabilities by 30%. Developed secure coding standards and performed comprehensive threat modeling for critical applications.
- Cultivated productive relationships with more than five clients by understanding unique requirements and identifying necessary resources to meet expectations and to design the architecture of project.

- Led the end-to-end development of three major projects, designing scalable and secure microservices in C# and Azure. Delivered cloud-based solutions that improved client productivity by 25%.
- Built over 100 APIs and integrated various payment gateways (Stripe, Razor Pay, Phone Pay) to enhance functionality and user experience across multiple applications.
- Managed cross-functional teams, building strong client relationships to deliver solutions that met business requirements. Leveraged Agile methodologies to optimize workflows, improving efficiency by 25%.
- Developed company-wide secure coding standards, and performed threat modeling for critical applications, improving incident response efficiency.
- Utilized static and dynamic analysis tools for code assessment, and performed penetration testing for web applications and infrastructure, strengthening overall security posture.
- Enhanced resource utilization by 20% through the implementation of robust database architectures and improved system performance by resolving critical code errors and optimizing storage solutions.

EDUCATION

MASTER'S IN CYBERSECURITY, MAY 2024

Pace University, New York, NY

BACHELOR'S IN COMPUTER ENGINEERING, AUGUST 2020

Gujarat Technological University, Gujarat, Vadodara, India

CERTIFICATIONS AND TRAINING

- Foundations of Cybersecurity (Google)
- Tools of the Trade: Linux and SQL (Google)
- Assets, Threats and Vulnerabilities (Google)
- JavaScript Specialist Certification (Hackerank)
- **Application Security:** OWASP, SAST/DAST Tools, Penetration Testing, SIEM & SOAR Tools, SAST and SAC tools
- **Programming Languages:** C#, Python, JavaScript, Java

TECHNICAL PROFICIENCIES

- **Cybersecurity Tools:** Wireshark, Burp Suite, Acunetix, Snyk, Contrast Security, Scapy, OWASP, Metasploit, NPCAP, Ghidra, IPA, Splunk Enterprise Security, Semgrep, Sonarcube, Retire.js
- **Frameworks and Libraries:** React-Native, React.js, Vue.js, Laravel, Express.js, Node.js, jQuery, Bootstrap, Angular.js, .NET
- **Version Control:** Git, GitLab, Github, BitBucket
- **Project Management Tools:** Jira, Trello, ClickUp, Asana
- **Web Development:** HTML5 | CSS | XML
- **Databases:** MySQL | PostgreSQL | MongoDB | NoSQL | Firestore(Firebase) | Realtime Database(Firebase) | Microsoft SQL Servers
- **Operating Skills:** Linux, Windows, macOS
- **DevOps and Containerization:** Docker, Kubernetes, Jenkins
- **Others:** Agile methodologies, SEO optimization, Performance tuning
- **Programming Languages:** C, C++, JavaScript, Typescript, PHP, Python, Java, C#
- **Development Tools:** VS Code, PhpStorm, Sublime
- **Testing Tools:** Postman, Selenium, Mocha, Cypress, Protractor, PHPUnit, Laravel Dusk
- **Backend:** RESTful APIs, SOAP, JSON, XML
- **Cloud Platforms:** Azure, AWS, Firebase