AVIGAT SHARMA
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SUMMARY

Full Stack Developer & Security Engineer with 10+ **months'** experience in **web development, AWS, and cybersecurity**. At **Nishtya Infotech**, led security hardening and AWS optimization for platforms like *jobaaj.com.* Built a performance dashboard at **Techwits IT**, improving issue resolution by 25%. Skilled in PHP, JavaScript, Python, MySQL, OWASP ZAP & Burp Suite. Pursuing M.Tech in Computer Science.

SKILLS

Development Skills: HTML5 | CSS3 | JavaScript | PHP | Python | Full Stack Development & Responsive Design Cross-Browser Compatibility | RESTful APIs Integration | MySQL | Relational Databases | Website Performance Optimization (Core Web Vitals – CLS, LCP, FID) | Infrastructure Scalability & Debugging | Version Control: Git.
Security Skills: Web Application Security | Vulnerability Assessment | Penetration Testing (SQL Injection, XSS, CSRF, IDOR, SSRF, LFI/RFI) | Subdomain Protection | Access Control | Threat Mitigation.
Deployment Skills: AWS Services (EC2, S3, RDS, CloudWatch, Load Balancer) | AWS Billing Analysis | Cost Optimization | Right-Sizing Server Monitoring | Performance Tuning

EXPERIENCE

Associate Full Stack Developer | Nishtya Infotech Pvt Ltd | Agra, Uttar Pradesh   **Feb 2025 – Present**
- **Managed end-to-end security infrastructure and ensured secure access across all Jobaaj Group platforms.**
- **Developed responsive, optimized web pages** using HTML, CSS, JavaScript, and PHP; enhanced performance by resolving Core Web Vitals and speed issues.
- **Oversaw AWS services** (EC2, S3, RDS, CloudWatch, Load Balancers) with a focus on cost optimization, right- sizing, and system scalability.
- **Tuned database queries, monitored billing, and contributed to strategic infrastructure** improvements for high performance.

Security Hardening | Nishtya Infotech Pvt Ltd | Agra, Uttar Pradesh   **Nov 2024 – Feb 2025**
Tech Stack: PHP, JavaScript, AWS (EC2, RDS, S3, CloudWatch), OWASP ZAP, Burp Suite
- **Led security overhaul** for jobaaj.com, jobaajlearnings.com & shastrahub.com.
- **Implemented access control, subdomain protection,** and secure session handling.
- Conducted regular pentests (SQLi, XSS, CSRF, IDOR) **using OWASP ZAP & Burp Suite**.
- **Monitored real-time threats** and logs via AWS CloudWatch.

Frontend Developer Intern | Techwits IT Solutions Pvt Ltd | Gurugram, Delhi   **Mar 2023 – Sep 2023**
- **Built an Admin Console for Nearz** to visualize performance data, leading to 25% faster issue resolution.

ACADEMIC PROJECTS

ATS & Job Fit Engine | Jobaaj
Tech Stack: PHP, MySQL, JavaScript (AJAX), Python, OWASP Tools
- Built an end-to-end job-fit engine using PHP, MySQL, JS, and Python.
- Designed resume scoring and job recommendation features.
- Enabled real-time application fit analysis for users.
- Developed secure APIs and dashboards with OWASP testing.

Website Security & Hardening | Jobaaj.com
Tech Stack / Tools: PHP, MySQL, JavaScript, OWASP ZAP, Burp Suite, Nikto, Kali Linux
- Secured web server, database, and APIs against SQLi, XSS, and CSRF attacks.
- Implemented secure authentication, input validation, and session control.
- Conducted vulnerability assessments using OWASP ZAP, Burp Suite, and Nikto.
- Enhanced backend security, data integrity, and real-time monitoring.

EDUCATION

Madhyanchal Professional University | Bhopal Madhya Pradesh   **2023 – 2025**
Master of Technology in Computer Science and Engineering

Dr. A.P.J. Abdul Kalam Technical University | Lucknow, Uttar Pradesh   **2020 – 2023**
B.Tech (Computer Science and Engineering)

DEI Technical College | Agra, Uttar Pradesh   **2017-2020**
Diploma in Engineering in Information Technology