Ankit Prajapati

+44 0755 355 9896 | me@ankkiyy.com | [LinkedIn](#) | [GitHub](#) | [Portfolio](#) | London, United Kingdom

SUMMARY

Results-driven Software Engineer pursuing an MSc in Cyber Security Engineering, with 3+ years of experience in developing scalable full-stack web applications. Skilled in JavaScript, React, Node.js, and Express.js, with strong expertise in data structures, backend architecture, and API optimization. Experienced in Agile, CI/CD, and version control. Active open-source contributor recognized for improving UI performance by 30% and API efficiency by 40%.

EDUCATION

University of East London, London, United Kingdom   Jan 2025 – May 2026
MSc Cyber Security Engineering
- Modules: Hardware Security (97%), Digital Forensics (85%), Industry Research Practices (90%), Internet of Things (90%)
- Contributed to Group teams, developing teamwork and leadership skills

Veer Narmad South Gujarat University, Surat, Gujarat, India   Jan 2021 – Aug 2024
Bachelor of Computer Applications
- Focused on secure application development, cryptography, and network defense fundamentals.
- Developed a small intrusion detection project using Python and Wireshark packet analysis.
- Implemented authentication systems for web applications using hashing and role-based access controls.
- Participated in workshops on ethical hacking and digital forensics, building early proficiency in penetration testing tools.

WORK EXPERIENCE

TRIADBYTE, Startup Founder | Surat, Gujarat, India   Nov 2023 – Present
- Established a cybersecurity-driven B2B ecosystem empowering 20+ enterprises with secure digital transformation, boosting resilience and operational efficiency by 60%.
- Architected and deployed a secure SaaS platform using React, Express.js, Firebase, and PostgreSQL with encryption, access control, and CI/CD pipelines integrated with security scans.
- Strengthened infrastructure through JWT authentication, AWS WAF, and Linux VPS hardening, preventing 80% of breach attempts and maintaining 99.95% uptime reliability.

ODOO, Hackathon Team Leader | Gandhi Nagar, Gujarat, India   Jun 2024 – Jun 2024
- Led a 4-member team in a national-level hackathon focused on developing secure and scalable civic and enterprise applications.
- Designed and implemented "Crime Snap" in round 1, a crime-reporting platform enabling citizens to post verified incidents; integrated location-based routing for nearest police units and built an authentication layer to ensure report credibility.
- Advanced to Semifinals by engineering a secure, scalable Library Management System utilizing the Open Library API with role-based access control and encrypted data transactions.

CVM UNIVERSITY, Hackathon Team Leader | Anand, Gujarat, India   Mar 2024 – Mar 2024
- Led a 4-member team to develop a Fake News Detection System leveraging Machine Learning and Deep Learning for real-time misinformation analysis.
- Designed and trained NLP models to classify news authenticity with high accuracy, mitigating risks of digital misinformation propagation.
- Secured 4th place among 32 teams, recognized for innovation, accuracy, and secure data handling practices in the ML pipeline.

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AKS INFOTECH, Junior Software Engineer | Surat, Gujarat, India   April 2023 – July 2023

- Collaborated with the QA team to perform vulnerability testing and patching, reducing potential attack vectors by 40%.
- Worked under senior engineers to automate build and deployment processes via GitHub Actions, introducing code review gates for security compliance.
- Implemented input validation, HTTPS enforcement, and session management to strengthen application-level security.

CERTIFICATIONS AND QUALIFICATIONS

- **COMPTIA | Security +**   Pursuing
- **MICROSOFT | Microsoft Security Essentials Professional Certificate**   Jul 2025
- **GOOGLE | Google Ads Measurement Certifications**   Feb 2024
- **[Other Certificates](#)**

SKILLS AND EXTRA CURRICULAR ACTIVITIES

Technical Skills: Cybersecurity Tools (Wireshark, Burp Suite, Nmap, AWS WAF, JWT, RBAC), Secure Coding, DevSecOps, Threat Analysis, Cloud Security, Linux Administration, Firewall Configuration, Encryption & Hashing, Vulnerability Assessment, Zero Trust Architecture, Incident Response, CI/CD Pipelines, Docker, GitHub Actions, API Security, System Hardening.

Programming Skills: JavaScript, Python, SQL, TypeScript, React.js, Node.js, Express.js, Flask, PostgreSQL, MySQL, MongoDB, HTML, CSS, Git, Postman, Bash, Bat.

Soft Skills: Leadership, Problem-Solving, Communication, Teamwork, Analytical Thinking, Adaptability, Time Management, Innovation.