Suchit Sudhir Krishna

Security Software Engineer

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Availability: Immediate

With 2 years of full-stack web development experience, I thrive on building scalable and secure applications. Now pursuing a Master of Computer Science in Cybersecurity at the University of Sydney, I am focused on advancing my expertise and contributing to impactful projects in the IT field.

EXPERIENCE

SDE-1 (Full Stack)   Apr 2024 – Present
OneLab Ventures, India

- Spearheaded the development of a B2B EdTech student advisor app for a startup, from MVP to production.
- Integrated AI models built on OpenAI, AWS Bedrock, and SageMaker to enhance functionality.
- Managed the multi-tenant infrastructure to onboard three universities, ensuring scalability and data isolation.
- Contributed to security audits based on OWASP, MITRE ATT&CK and SANS CWE to ensure robust protection.
- Designed and integrated AWS architecture (Amplify, EC2, ECR, ECS, RDS, Elastic Beanstalk, CodePipeline) for dev, test, and prod environments, including domain setup, routing, VPCs, subnets, IAM access, and data encryption.

Full Stack Developer (GreenSheart ReportCare - Monash)   Mar 2023 – Nov 2023
School of Engineering, Monash Malaysia

- Optimized and added functionality to a Heart Failure management app built on React Native with TypeScript.
- Improve implementation of pre-existing AWS infrastructure and reduced recurring costs by 65%.
- Integrated a secure GraphQL API, enabling seamless data exchange between the Clinician and Patient apps.
- Collaborated closely with doctors and nurses to rigorously test functionality ensuring seamless integration.

Software Engineer Intern   Nov 2022 – Mar 2023
IPrice Group, Malaysia

- Developed and tested frontend solutions viewed by 30 million monthly visitors using PHP Laravel.
- Decreased DOM size of Product listing page by 10% through element reduction.
- Boosted engagement for Product details page by up to 23% in targeted regions such as Malaysia and Indonesia.
- Collaborated with internal and external scrum teams to devise solutions ahead of schedule.
- Actively engaged in pair programming sessions, completing 3 personal projects utilizing design patterns.

EDUCATION AND QUALIFICATIONS

Master of Computer Science (Cybersecurity and Distributed Networks)   Jul 2024 – Present
University of Sydney, NSW, Australia

Bachelor Of Software Engineering (Hons)   Oct 2019 – Dec 2023
Monash University, Bandar Sunway, Malaysia

TECHNICAL AND COMMUNICATION SKILLS

Programming Languages:	JavaScript/TypeScript, Python, SQL, PHP, Bash, PowerShell, CSS, Java
Cloud & DevOps:	AWS (Amplify, EC2, ECR, ECS, RDS, Bedrock, SageMaker), Azure, Docker, Kubernetes
Full-Stack Development:	PostgresSQL, MongoDB, Express, React, Node.js
Security & Infrastructure:	OWASP, SANS CWE, MITRE ATT&CK, IAM, VPCs, TLS/SSL, API security best practices
Virtualization & OS:	Linux (WSL Ubuntu, Kali), VMware, VirtualBox
Certifications:	IBM Full stack Software Developer, CompTIA Security+
Languages:	English (Native), Hindi (Proficient)