

ABOUT

Engineering leader w/ 18+ yrs building secure, high-performance cloud platforms & distributed systems. Led teams developing ransomware detection, malware analysis & threat identification. Expert in cloud security architecture, incident response automation & scaling infrastructure.

SKILLS

Leadership & Strategy

Technology Leadership, Cloud Security Strategy, Team Scaling & Mentorship, Product Delivery, Roadmapping

Architecture & Systems

Distributed Systems, Cloud-Native Security (AWS, Azure), High-Availability Design, Microservices, Threat Detection

Technical Expertise

Backend Development (Go, Python, Node.js, Java, Rust), Database Design & Optimization (PostgreSQL, MySQL, MongoDB), Infrastructure as Code (Terraform, Ansible), API Design, Performance Tuning, Security Automation

EDUCATION

Ph.D. Electrical & Comp. Eng.
Carleton University, 2019

M.Sc. Computer Science
University of Calcutta, 2009

B.Sc. Computer Science
University of Calcutta, 2007

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LinkedIn

VP of Engineering @ Elastio

Jan '25 – Present

Lead teams building ransomware detection & malware scanning w/ AI-powered anomaly detection, behavioral analysis & threat identification

Design security infrastructure protecting from ransomware, zero-day exploits & APTs; implement secure SDLC w/ threat modeling & pen testing

Architect cloud-scale backup security scanning 100M+ files daily; integrate w/ AWS/Azure security services for defense-in-depth protection

Build automated incident response workflows reducing MTTR from hours to minutes; enable customers to recover from attacks in under 15 minutes

Direct cross-functional engineering teams across 3 product lines; accelerate feature delivery velocity 2x while maintaining 99.9% uptime

Senior Engineering Manager @ Veeva Systems

Mar '24 – Jan '25

Built secure contact center for Veeva CRM w/ encryption, access controls & SOC2/HIPAA compliance; led security audits & vulnerability remediation

Scaled team by hiring & mentoring engineers/managers; established secure coding standards & security practices

Senior Engineering Manager @ IBM Turbonomic

Jul '17 – Mar '24

Managed distributed teams building orchestration & monitoring w/ security controls; deployed Granite LLM for threat identification

Drove DevOps automation w/ security gates reducing onboarding 60%; built OAuth2/SAML integrations; led incident response

Established security champions program across 15+ teams; reduced vulnerabilities 40% via automated scanning & training

Sr. Software Engineer → Engineering Mgr ('18) → Sr. Engineering Mgr ('21)

Prior Engineering Roles @ Various

'07 – '17

Trend Micro (Software Engineer, '16-'17): Broke monolith into microservices; real-time malware detection, heuristic analysis & online DB migration tool

Nearest.com (CTO, '12-'14): Architected hyper-local search engine & social community on AWS & OpenStack w/ DDoS protection & secure APIs

Tata Consultancy Services ('09-'12): Led SAP BI implementations & cloud migrations w/ security hardening for Fortune 500 clients

Additional: Cloud platforms research (Carleton, '15-'16), airline systems ('09), network stack ('07-'08)

