

Aseem Shrey

Building ShipSec AI - Your AI Security Copilot | Prev - Security Engg @ Rippling, Yahoo, Blinkit & Gojek | Privacy Engg @ CMU
San Francisco, California (US)



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SUMMARY

Security engineer turned founder. I've hacked the US DoD, American Airlines, Google, GM, and IBM—and got acknowledged for it.

After 5 years at Rippling and Yahoo, I saw the same problem everywhere: even with 20+ security engineers and \$5M budgets, teams couldn't confidently ship secure products.

So I built [ShipSec.ai](#) - an AI-powered security automation platform. Previously founded [SecureMyOrg](#), serving clients across US, UK, Singapore, and India.

I teach 15,000+ cybersecurity enthusiasts on [YouTube](#).

PUBLICATIONS

Jun 2024

Security Champions LeaderBoard - Building and Gamifying the Security Culture in CloudNativeSecurityCon North America 2024

Presented on building and gamifying security culture through a security champions leaderboard to improve developer security awareness and find early adopters for security initiatives.

Nov 2022

Enforcing Security Best Practices using CI in DevSecOps Days India 2022

Co-presented with Nancy Chauhan on automating security best practices through continuous integration pipelines.

Feb 2022

Starting with Android Static Analysis in IWCON-S22 (Infosec Writeups Conference)

Demonstrated how to start with Android static analysis, covering tools like JADX and APKTool for finding security vulnerabilities.

Dec 2021

Getting Started with Android Pentesting in VULNCON 2021

Introduced fundamentals of Android app pentesting including basic components, static analysis tools, and practical demonstrations.

Apr 2020

Owning Your PC from an Innocuous USB in OWASP Bangalore

Demonstrated BadUSB attacks, covering HID exploitation, reverse shells, and rubber ducky attack methodology.

Sep 2019

Owning Your PC Through An Innocuous USB in SECARMY Security Webcast

Early talk on BadUSB attacks, available hardware, HID introduction, and metasploit-based attack demonstrations.

WORK EXPERIENCE

May 2025 - Current

Founder & CEO at ShipSecAI

San Francisco Bay Area

Building ShipSec.ai - Your AI Product Security Engineer. After 5 years at Rippling and Yahoo, I kept seeing the same issue — even with 20+ security engineers and \$5M+ budgets, we couldn't confidently say if our product features going live were secure or not. That's why I started building ShipSec.ai.

- **Product & Vision:** Built an open-source no-code security automation platform from 0 to 1, defining product vision and roadmap to help companies ship secure products faster.

- **Fundraising & Pitching:** Pitched to 50+ investors, securing spots in Draper University Hero Accelerator and Antler EIR program. Refined pitch deck through hundreds of iterations based on investor feedback.
- **Team Building & Hiring:** Built and managed a distributed team, conducting technical and cultural interviews, defining roles, and establishing team processes and workflows.
- **Customer Discovery:** Conducted 100+ customer interviews with engineering teams and security leaders to validate product-market fit and iterate on features.
- **Go-to-Market:** Developed GTM strategy, created marketing content, built community presence, and established partnerships with security tools and platforms.
- **Technical Execution:** Built the core platform infrastructure and features hands-on, contributing to architecture decisions and technical implementation alongside the CTO.

Oct 2025 - Nov 2025

Entrepreneur in Residence at Antler

📍 New York City Metropolitan Area

Entrepreneur in Residence at Antler, working on building ShipSec.ai.

- Selected for Antler's highly competitive EIR program (3% acceptance rate) - a global early-stage VC that invests in founders from day zero.
- Developed ShipSec.ai's go-to-market strategy and refined business model through weekly pitch sessions and mentorship from successful founders.
- Built relationships with VCs, operators, and technical advisors in NYC's startup ecosystem.
- Participated in cohort workshops on fundraising, scaling, and building technical teams.

May 2025 - Jun 2025

Builder at Draper University

📍 San Mateo, California, United States

Selected for the DraperU Hero Accelerator Program. Staying at their university building in San Mateo and building ShipSec.ai.

- Selected for Tim Draper's prestigious Hero Accelerator program - an immersive 5-week program at Draper University's San Mateo campus.
- Refined ShipSec.ai's pitch through daily practice sessions and feedback from Tim Draper, successful entrepreneurs, and Silicon Valley investors.
- Built MVP features and validated product assumptions through rapid prototyping and user testing with program cohort.
- Networked with fellow founders, mentors, and VCs in the Bay Area startup ecosystem.

Jan 2024 - Current

Founder & Security Consultant at SecureMyOrg

📍 Remote

SecureMyOrg - A CyberSecurity Remote Partner for your company, serving clients in US, UK, Singapore and India.

- **Business Development:** Acquired and served 15+ clients across US, UK, Singapore, and India providing VAPT, cloud security audits, and remote security engineering services.
- **Client Management:** Managed end-to-end client relationships, from initial sales calls to project delivery, maintaining 95%+ client satisfaction and retention.
- **Service Delivery:** Delivered penetration testing, security audits, and security consulting services while managing project timelines, scope, and deliverables.
- **Team Coordination:** Coordinated with freelance security engineers and contractors to scale service delivery based on client needs.
- **Financial Operations:** Managed invoicing, contracts, pricing strategy, and revenue operations as a solo founder building a profitable consulting business.

Aug 2023 - Dec 2023

Security Engineer (Contractor) at Yahoo

📍 Remote, US

Worked in the Security Engineering and Automation team of the Paranooids (Yahoo Security Collective).

- **SEA Team:** Automated critical migrations for on-prem security deployments as part of the Security Engineering and Automation team.

Feb 2022 - Sep 2023

Security Engineer at Rippling

📍 **Bangalore, India**

Worked in the Seclnfa team, automating security through code.

- **InfraSec Team:** Built automation around Vulnerability Management System (VMS) and automated security processes for security infrastructure.
- **Assurance Team:** Built automation for product security and implemented automated dynamic application security testing (DAST).
- **ProdSec Team:** Performed threat modelling and code reviews for product releases.

Feb 2021 - Feb 2022

Senior Information Security Engineer at GoJek

📍 **Bangalore, India**

Worked in the ProdSec team, driving Shift Left culture at GoJek.

- **Compliance As Code:** Built CIS Benchmark auto-remediation system in Google Cloud using Google Cloud Run.
- **Web App & Android Pentesting:** Performed penetration testing for feature releases in the GoJek web API backend and Android application.
- **Red Teaming:** Found critical vulnerabilities and escalated privileges to gain admin access to almost all of the GoJek infrastructure.
- **Code Reviews:** Conducted code reviews for feature releases in the GoJek API and mobile application.
- **GoSecCon:** Organized GoJek's first security conference, which included a CTF competition and speaker talks over 2 days.

Apr 2019 - Jan 2021

Security Engineer at Blinkit (formerly Grofers)

📍 **Gurgaon, India**

Joined as the 2nd member of the security team at Blinkit (formerly Grofers), one month after its creation. Built security infrastructure and processes from the ground up.

- **DNS-As-Code:** Created from scratch an automated pipeline using terraform to create DNS entries in Cloudflare and Route53 with failover option for easy switching between DNS providers.
- **G-Shield Security Bot:** Created from scratch a GitHub bot for shift-left security. Scans each PR for hardcoded secrets, code smells, vulnerable docker images, and sensitive mount points using Python, Celery, and GitHub APIs.
- **Temporary Credentials for DB:** Integrated Vault with databases and GitHub so users can generate temporary credentials based on their GitHub team membership.
- **Cognito Integration:** Worked with multiple teams to integrate AWS Cognito in legacy APIs to provide better authentication workflows like social OAuth (Google Auth) and OTP-based workflow.
- **OAuthProxy:** Integrated OAuthProxy for GSuite authentication and compliance to internal applications.

AWARDS

Discovered Critical Data Leak in India's GST Portal - 2024 at Government of India

Found critical vulnerability exposing sensitive business data that could be used to manipulate stock market. Responsibly disclosed to government.

HackIM CTF - 1st (India), 8th (World Rank) - 2018 at NullCon - Walmart & VirtualBox

Found IDOR Bug in Digilocker (Gol Initiative) - Hall of Fame - 2017 at Govt of India

Reported bugs to US DoD, American Airlines, Google, GM, IBM, MakeMyTrip, Myntra, Zoho, Sony etc

CTF Competition Achievements: 5th place CSAW Finals, 1st place Terminal Tragedy (NIT Trichy), Top 20 DRDO CTF - 2017 at Multiple CTF Competitions

SKILLS

Product Management

Advanced

Product Vision & Strategy,
0-to-1 Product Development,
Product Roadmap,
Customer Discovery,
Product-Market Fit

Cloud & k8s Security

Advanced

AWS, GCP, Kubernetes,
Guard Duty, Macie,
Trusted Advisor, Cognito

Golang

Intermediate

Founder & Leadership

Advanced

Fundraising & Pitching,
Investor Relations,
Team Building & Hiring,
Cross-functional Leadership,
Strategic Planning

App Pentesting

Master

OWASP Top 10,
Recon automation, Android

Researching

Intermediate

ctfs, malware, IDA, r2

Business & Sales

Advanced

GTM Strategy,
Customer Acquisition,
Stakeholder Management,
Business Development,
Client Relations

Python

Master

flask, django, requests

EDUCATION

Aug 2024 - Dec 2025

Master's degree Privacy Engineering at Carnegie Mellon University

Privacy Engineering from School of Computer Science, Carnegie Mellon University.

Jul 2015 - May 2019

B Tech. Information Technology at IIT Allahabad

Grade: 7.95

Completed my bachelors of technology, with a few electives in cybersecurity. Had been the CyberSecurity Wing Coordinator and the elected member of Student Gymkhana, student body.

Jan 2012 - Jan 2014

Higher Secondary at DPS R K Puram, New Delhi

Grade: 89%