

Ripunjoy Buddha

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PROFESSIONAL SUMMARY

Software & Security Engineer with **5 years of professional experience** building complex systems, AI powered applications and SaaS platforms. **Master's in Cybersecurity** with strong expertise in distributed systems, secure cloud architecture, DevSecOps, and full-stack development. Experienced in designing compliant EMR systems, AI-driven applications and tools, and highly available, scalable cloud-native architectures.

CORE EXPERTISE & TECHNICAL SKILLS

Core Expertise

- Full-Stack Application Development
- Secure System Design & Hardening
- API Architecture (REST, GraphQL)
- Cloud-Native Deployment (AWS)
- Web Penetration Testing

Technical Skills

- **AI:** OpenAI API, Claude, Whisper STT, Ollama
- **Frontend:** React, Next.js, React Native, Tailwind
- **Backend:** Node.js, TypeScript, Go, Express, Python
- **Databases:** PostgreSQL, MySQL, MongoDB, Prisma, Redis
- **Cloud/DevOps:** AWS (IAM, EC2, EKS, S3, Guard-Duty), Docker, Kubernetes
- **Security:** Network & Security tools (Nmap, Wireshark, Scapy, burpsuit, etc.), OSINT, Web security

PROFESSIONAL EXPERIENCE

Senior Software & Security Engineer

Nov 2024 – May 2026

Avaros, London, ON

- Develop scalable backend services using Go and build modern, responsive frontend interfaces with React, TypeScript.
- Build AI-powered features for Scribe and EMR systems used by clinics across Canada.
- Architect secure distributed systems, including firewall setup and AWS hardening.
- Design compliance-aware healthcare infrastructure.

Founding Software Engineer

Jun 2024 – Aug 2024

Dice Health, ON

- Built AI-powered scribe (speech-to-text) for clinical documentation using Next.js, Deepgram, and OpenAI.
- Architected and deployed full cloud-native system on AWS EKS (Kubernetes).
- Developed secure APIs for real-time medical transcription workflows.

Backend Developer

Nov 2022 – Oct 2023

Engaged Inc., Cambridge, ON

- Led backend API development using NodeJS.
- Migrated PHP services to Node.js, reducing response time by 25%.
- Improved system performance by 20% through refactoring and optimization.

Software Engineer

Oct 2021 – Mar 2022

PT Flokq Spaces, Jakarta, Indonesia

- Full-stack developer (Web & React Native) delivering cross-platform features.
- Reduced technical debt through system migration and modernization.
- Improved SEO via Next.js optimizations and sitemap generation.

Earlier Experience

Full Stack Developer & Team Lead — Silpkala (India)

Dec 2020 – Sep 2021

Full Stack Developer & Project Coordinator — TVGuestpert Publishing (USA)

March 2020 – Jan 2021

EDUCATION & CERTIFICATIONS

Education

- Master of Cybersecurity & Threat Intel — University of Guelph (2024)
- Cyber Security PG Certificate — Durham College (2023)

Certifications

- CompTIA Security+ ce (2022–2025)
- CCNA (2022–2025)