

JOJIN JOHN

Full-Stack Software Engineer | Offensive Security Researcher

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🛡️ YesWeHack: @Jojin1709

WORK EXPERIENCE & SECURITY RESEARCH

Independent Security Researcher (Bug Bounty)

YesWeHack, Bugcrowd, HackerOne

📅 03/2025 – Present 📍 Remote

- Earned **€1,600+ in bounties**; reported 10+ validated bugs including a **Critical IDOR (CVSS 9.6)** enabling horizontal privilege escalation and account takeover.
- Identified business logic flaws (CWE-840), billing API authorization bypasses, and session token leaks with a 100% remediation rate.
- Conducted automated and manual API penetration testing, parameter fuzzing, and reconnaissance using Burp Suite, Nmap, FFUF, and custom recon scripts.

Full Stack Developer Intern (MERN Stack)

Luminar Technolab

📅 04/2026 – 05/2026 📍 Kochi, Kerala

- Engineered 4+ full-stack web applications using React.js, Node.js, Express, MongoDB, and Tailwind CSS with JWT auth and REST APIs.
- Achieved **90%+ Lighthouse performance**; collaborated using Git and GitHub for version control, code reviews, and sprints.

Google Cloud Arcade Facilitator '25

Google Cloud Skills Boost

📅 04/2025 – 07/2025 📍 India (Virtual)

- Mentored 30+ students through hands-on cloud labs covering Google Compute Engine, Kubernetes (GKE), Cloud Run, and AI/ML integrations.

FEATURED PRODUCTION PROJECTS

Railway Engine (Next.js, TypeScript, REST API, Postman)

railengine.vercel.app

- Live Indian Railways train tracking REST API delivering real-time status, GPS coordinates, route progress, and station lookup with sub-second response times.
- Designed client-side caching with freshness indicators, interactive Postman docs, and responsive dark-mode status dashboard.

Stratum BaaS (TypeScript, Next.js, Cloudflare Hyperdrive, PostgreSQL)

stratum-sh.vercel.app

- Backend-as-a-Service for PostgreSQL with introspected REST APIs, real-time CDC, S3/R2 storage, and sub-50ms query latency via Cloudflare edge runtime.
- Implemented integrated AI SQL Copilot, dynamic table webhooks, and automatic schema introspection engine.

APKLens & DroidHawk (Next.js, TypeScript, Python, Mobile Security)

apklens-in.vercel.app

- Browser-native Android APK reverse engineering analyzer that decodes AndroidManifest.xml and scans DEX bytecode with zero server uploads.
- Built companion Python automation toolkit (DroidHawk) for mobile penetration testing, intent inspection, and automated static analysis.

Hunter Archive (Threat Intelligence Search Engine)

hunter-archive.vercel.app

- Searchable threat intelligence archive indexing 7,400+ curated bug bounty writeups and CTF walkthroughs from PortSwigger, Project Zero, and HackerOne.

EDUCATION

BCA — Bachelor of Computer Applications

Eliims College of Arts & Science (University of Calicut)

📅 01/2024 – 01/2027 📍 Kerala, India

- **Relevant Coursework:** Data Structures & Algorithms, Database Management Systems (DBMS), Operating Systems, Computer Networks, Software Engineering.

SUMMARY

Security-focused Full-Stack Software Engineer and Ethical Hacker with **€1,600+ awarded in bug bounties** on YesWeHack (including a **CVSS 9.6 Critical IDOR** finding and 10+ responsible disclosures). Shipped **26 production web applications**, developer tools, and edge proxies using React, Next.js, TypeScript, and Cloudflare Workers achieving sub-50ms latency and 90%+ Lighthouse performance. Google Cloud Arcade Facilitator (mentored 30+ students). Maintainer of 87+ public repositories.

TECHNICAL SKILLS

Languages

TypeScript, JavaScript (ESNext), Python, Java, Rust, SQL, HTML5, CSS3

Frontend & Web

React.js, Next.js (App Router), Tailwind CSS, PWA, Three.js, WebGPU, Rapier3D, Responsive UI

Backend & Edge

Node.js, Express.js, Cloudflare Workers, Cloudflare Hyperdrive, REST APIs, MongoDB, PostgreSQL, S3/R2

Security & Pentesting

Burp Suite Pro, OWASP Top 10, IDOR / BOLA, API Security, Access Control Bypasses, Nmap, FFUF, OSINT, CVSS 3.1

DevOps & Cloud

Git, GitHub Actions, Docker, Google Cloud (Compute Engine, GKE, Cloud Run), Vercel, Wrangler CLI, Linux

VERIFIED CERTIFICATIONS

Google Cloud Foundations & Serverless

Google Cloud Skills Boost • [Verify](#)

MongoDB Core Concepts

MongoDB University • [Verify](#)

CRTOM (Red Team Operations)

CRTOM Credential • [Verify](#)

Advent of Cyber 2023

TryHackMe Profile • [Verify](#)

15+ Verified Credly Badges

credly.com/users/jojin-john

LANGUAGES

English	• Advanced	●●●●●
Malayalam	• Native	●●●●●
Hindi	• Advanced	●●●●●
Tamil	• Working	●●●●●