



# DHARANISH A M

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[GitHub](#) | [LinkedIn](#) | [Portfolio](#)

## EDUCATION

<b>B.E CSE</b>	Sri Eshwar College of Engineering   CGPA: <b>8.12</b> (Till 4th Sem)	<b>2023 – 2027</b>
<b>HSC</b>	PKD Matriculation Higher Secondary School   <b>75.50%</b>	<b>2021 – 2023</b>
<b>SSLC</b>	PKD Matriculation Higher Secondary School	<b>2020 – 2021</b>

## EXPERIENCE

**RAMPeX Technologies - Software Developer Intern (11 Months)** - Architected and developed scalable, modular full-stack applications with maintainable architecture and cloud deployment. Contributed to an Agile team, handling end-to-end development, CI/CD, code reviews, and testing to deliver production-ready solutions.

## PROJECTS

**BioKey** | [GitHub](#) **2024**

A fingerprint-authenticated, cloud-based media platform powered by a custom biometric device with plug-and-play functionality. Engineered a secure, scalable cross-platform system with encrypted authentication for reliable media access.

**Tech Stack:** React Native, React, Node.js, Redux, Docker, AWS EC2, CI/CD, MongoDB

**AlgoLog** | [GitHub](#) **2025**

A centralised student analytics platform engineered for real-time tracking and visualisation of coding performance across multiple platforms, leveraging automated web scraping, robust data pipelines, and insights-driven dashboards.

**Tech Stack:** React, Node.js, Redux, Tailwind CSS, Web Scraping, Cheerio, Chart.js, MongoDB

**Swoosh** | [GitHub](#) **2025**

An instant, secure, QR-driven peer-to-peer file-sharing platform that lets users quickly pair devices, share files, and create isolated rooms for seamless and reliable transfers powered by a scalable, high-performance architecture.

**Tech Stack:** React, TailwindCSS, Redux Toolkit, Electron, Spring Boot, Spring Cloud, Spring Security, MySQL

**Vulnora AI** | [GitHub](#) **Ongoing**

AI-powered, multi-language security scanner that uses offline LLM analysis to detect complex vulnerabilities, validate findings, and generate actionable fixes, delivered through a cross-platform interface and a scalable backend architecture.

**Tech Stack:** Python, FastAPI, Ollama (Local LLM), React, Electron, TailwindCSS, Vite, Streamlit

## CERTIFICATIONS

Certified AppSec Practitioner | [The SecOps Group](#) **2025**

ACE Multicloud Network Associate | [Aviatrix](#) **2025**

AWS Academy Graduate – Cloud Foundations | [Amazon Web Services](#) **2025**

IBM Full-Stack Software Developer Professional Certificate | [Coursera](#) (In Progress) **2024**

React Native - The Practical Guide | [Udemy](#) **2024**

## ACHIEVEMENTS

**SIH 2024 & 2025** - Consecutively nominated after clearing prelims to represent the institution with innovative solutions.

**Futurepreneur 2024** (StartupTN) - Secured 3rd place (Coimbatore zone) for developing a high-impact startup idea.

**Patent Publication** - BioKey: A Biometric Authentication-Based Application for Secure Data Access (202541051836A).

**Paper Publication** - Lurnix: An Intelligent Ecosystem for Neurodiverse Learning through AI and Multimodal Content.

**Coding Carnival** - Secured 1st Runner-Up among 3200+ participants on Engineers' Day.

**Open Source** - Built RouteLens (VS Code) & Code Tracer CLI (NPM) for enhanced developer productivity.

**GitHub:** 14+ Real-World Projects (8+ Solo Projects) with 1000+ Contributions; **LeetCode:** 110+ problems.

## SKILLS

**Languages & Frameworks:** C, C++, Java, JavaScript, TypeScript, React, Next.js, React Native, Redux, Tailwind CSS, Node.js, Express, NestJS, Spring Boot.

**Cloud & Databases:** AWS, Docker, Kubernetes, MongoDB, MySQL, Redis, Firebase, Nginx, Jenkins, GitHub Actions, Vercel, Netlify, Render, Terraform basics.

**System Design & DevOps:** Microservices, REST APIs, WebSockets, Event-Driven Systems, Load Balancing, Caching, Fault Tolerance, API Gateways, CI/CD, Containerization, Message Queues, Rate Limiting, Monitoring & Logging.

**Security & Tools:** JWT, OAuth2, API Security, Vulnerability Testing, Burp Suite, Git, Postman, Figma, Linux CLI.