EMIL WILLIAM

TECHNICAL SOLUTIONS ENGINEER | IMPLEMENTATION SPECIALIST

GitHub   LinkedIn   Portfolio

PROFILE

High-velocity **Technical Solutions Specialist**. Expert in leveraging **AI-augmented workflows** to rapidly diagnose and deploy mission-critical features. Specialized in ensuring **financial data integrity** (integer-based math), hardening enterprise security protocols, and bridging the gap between design systems and production reliability.

PROFESSIONAL EXPERIENCE

Technical Residency — Dodox

Kochi, India • Dec 2025 – Jan 2026

Tech Stack: Next.js, TypeScript, Node.js, MongoDB, Framer Motion

- **Financial Integrity:** Refactored the 'Livora' engine to **Paise-based integer math**, eliminating floating-point rounding errors and ensuring 100% audit-ready transaction precision.
- **Enterprise Security:** Implemented **RBAC (Role-Based Access Control)** and secure API middleware to manage multi-tenant permissions for complex kitchen/admin workflows.
- **Implementation Velocity:** Leveraged AI-driven development to accelerate system refactors by 3x while maintaining design parity with Figma systems (Studio Mirae).
- **Collaboration:** Worked directly with leadership to translate business logic requirements into technical implementation plans and documentation.

IMPLEMENTATION PROJECTS

Cinera (Platform Architecture)

Tech Stack: Tauri, Rust, React, TypeScript

- Architected a high-fidelity macOS-native interface, ensuring seamless design-to-production parity and platform-consistent system orchestration.

Spotify Integration Dashboard

Tech Stack: React, Vite, OAuth 2.0, Spotify API

- Developed a secure integration platform using **OAuth 2.0** and AI to bridge the gap between raw API data and actionable business insights.

SKILLS

Solutions & Operations

Postman (API Testing), Browser DevTools (Debugging), Technical Documentation, AI-Augmented Workflows.

Engineering Depth

TypeScript, Node.js, React, Next.js, HTML5/CSS3, Financial Logic (Paise/GST), RBAC Security.

Tools & Design

Git/GitHub, Framer Motion, GSAP, Figma-to-Code Implementation, Responsive Design.

EDUCATION & CERTIFICATIONS

Bachelor of Computer Applications (BCA)
AMRITA VISHWA VIDYAPEETHAM • 2022 – 2025

CCNAv7 & PCAP: Python Essentials
Cisco Networking Academy

Android Capstone & Responsive Design
Coursera / Vanderbilt University