

# Hank Emmanuel Nixon

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## EDUCATION

**Amal Jyothi College of Engineering**  
*Bachelor of Technology, Information Technology*

Kottayam, India  
July 2022 – June 2026

## EXPERIENCE

**Full-Stack Developer Intern**  
*PeopleMaketh*

July 2025 – Present  
Bengaluru, India

- Spearheaded development of an AI-enabled secure code analysis tool using SonarQube and Semgrep, improving code quality checks by 60%.
- Designed and deployed scalable APIs and database schemas supporting 5K+ daily requests.
- Automated CI/CD workflows using GitHub Actions, reducing deployment time by 40%.
- Outlined scope for adding DAST and penetration testing, contributing to roadmap for broader security coverage.

**Software Development Intern**  
*Partheon Research and Technology Pvt. Ltd.*

April 2025 – June 2025  
Pune, Maharashtra

- Built EV charger UI in Flutter with map integration and live status, improving user response time by 50%.
- Integrated performance enhancements that reduced UI lag by 30%.
- Debugged BLE communication issues with cross-team input, raising app reliability to 90%+.
- Wrote internal dev docs reducing feature rollout time and easing handovers for new team members.

## PROJECTS

**CareerWise** | *Python, FastAPI, React, OpenAI API*

May 2025 – Present

- Developed a scalable web app providing tailored career guidance to 500+ users using LLMs.
- Personalized content delivery (scholarships, internships, toolkits) for 3+ user types, improving retention.
- Launched pilot at 3 colleges, receiving 95% positive feedback from early users.

**E And S Decorations** | *Python, FastAPI, React*

Jan. 2025 – May 2025

- Designed a responsive website improving business inquiry rates by 80%.
- Created a no-code dashboard for content edits, saving 10 hours/month in dev effort.
- Boosted site performance and SEO, achieving 90+ Lighthouse score.

**HASH - AI-Powered Learning Platform** | *Python, FastAPI, React, PostgreSQL*

Dec. 2024 – Mar. 2025

- Created a quiz generator used by 200+ students and teachers for automated testing.
- Implemented ranking and analytics logic used by 200+ users for quiz scoring and certifications.
- Won "Best University Project" and piloted at department-level for 2 semesters.

## TECHNICAL SKILLS

**Languages:** Python, JavaScript, TypeScript, Dart, Java, C, PHP, SQL, Bash

**Frameworks/Tools:** FastAPI, React, Node.js, Express.js, Flutter, Tailwind, Django, Flask

**Databases:** MySQL, MongoDB, PostgreSQL, Supabase, NeonDB, Redis

**Dev Tools:** Git, GitHub Actions, Postman, Figma, Adobe Suite, Blender, n8n, SwaggerUI, Canva, Docker, Vercel, Render, Notion

## CERTIFICATIONS

**IBM via Coursera:** Python for Data Science, AI & Development

**NPTEL:** Cloud Computing Fundamentals

**IIT Kharagpur:** Artificial Intelligence with Python

## ADDITIONAL INFORMATION

**Achievements:** Bolt Global Hackathon (Top 10%) | Smart India Hackathon (National Runner-Up) | YIP (District Level Winner) | Old School Hackathon (College Runner-Up) | Principal's Honours (8+ CGPA)

**Soft Skills:** Agile Development, Team Leadership, Project Coordination, Adaptability, Stakeholder Engagement

**Languages:** English, Hindi, Malayalam (Native), Basic: French, Arabic, Tamil