

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

- Lead development of a secure code analysis tool using SAST platforms like SonarQube and Semgrep.
- Oversee full-stack implementation with secure APIs, database design, and scalable backend architecture.
- Automate CI/CD pipelines with GitHub Actions for integrated testing and vulnerability scans.
- Drive research and planning for future penetration testing capabilities and dynamic analysis tools.

Software Development Intern
Partheon Research and Technology Pvt. Ltd.

April 2025 – June 2025
Pune, Maharashtra

- Built core Flutter app features for EV charging, including UI/UX and map-based API integrations.
- Incorporated technical feedback to improve design and functionality increasing the performance.
- Assisted in debugging and testing efforts to enhance application performance and reliability.
- Documented development processes and feature updates in a structured format for team use.

PROJECTS

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

May 2025 – Present

- Developed an AI-based web app offering personalized career guidance through GPT powered chat.
- Mapped user journeys for students, graduates, and professionals to deliver tailored insights.
- Integrated dynamic resources like scholarships, internships, and startup toolkits.
- Drove go-to-market efforts via pilot programs, B2B partnerships, and user engagement strategies.

HASH - A.I Powered Learning Platform | *Python, FastAPI, React, PostgreSQL*

Dec. 2024 – Mar. 2025

- Built an AI-powered quiz generator that was integrated in college for better and more efficient system.
- Automated grading, score averaging, and assignment marking with PostgreSQL.
- Integrated student ranking, certifications, and material access features to enhance learning
- Designed an admin panel for HODs to manage teachers, students and quiz activities efficiently.

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

Jan. 2025 – June 2025

- Developed a responsive, SEO-friendly website for E And S Decorations, enhancing their online presence.
- Implemented a no-code admin dashboard to empower the client for seamless content management.
- Added dynamic content management for real-time updates to galleries, services, and event showcases.

TECHNICAL SKILLS

Languages: Python, Java, C, Dart, PHP, JavaScript, TypeScript

Frameworks: HTML, CSS, React, React Native, Node.js, Flutter, Flask, Django, FastAPI, Tailwind

Databases: MySQL, MongoDB, PostgreSQL

Design and Tools: Git, Docker, Pandas, NumPy, Postman, Matplotlib, Adobe Photoshop, Illustrator, Premiere Pro, After Effects, Blender, Supabase

CERTIFICATIONS

Coursera - IBM: Python for Data Science, AI & Development

NPTEL: Cloud Computing Fundamentals

IIT Kharagpur: Artificial Intelligence with Python

ADDITIONAL INFORMATION

Program Management: Resource Planning, Project Coordination, Stakeholder Communication, Agile Model

Achievements: Smart India Hackathon Runner-Up, Best University Project for “HASH – AI Learning Platform”, YIP District Level Winner, Principal's Honours Award for having 8+ CGPA

Languages: English, Hindi (Fluent), Malayalam (Native), French, Arabic, Tamil (Basic – Conversational)