

# Caleb Felix

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## Summary

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Detail-oriented software developer with hands-on experience in full-stack development and scalable backend systems. Proven contributor to production-grade applications with strengths in API design, optimization, and secure coding practices.

## Education

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**B.E. in Information Technology**, Xavier Institute of Engineering — 2023, CGPA: **8.15**

## Technical Skills

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- Languages Tools: Python, HTML, CSS, JavaScript, Git, Linux, Bash, Postman
- Frameworks DBs: Node.js, Express, MongoDB, PostgreSQL, Flask, Next.js, Docker
- Interests: Web Development, Cybersecurity, Artificial Intelligence

## Work Experience

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**Software Developer** — Nexsales Solutions Pvt. Ltd.

Aug 2023 – present

- Developed Campaign Execution module from scratch, including DB design, APIs, and notification integration.
- Built 50+ Market UI with advanced TAM/SAM/ICP filters and dynamic dropdowns.
- Engineered GenAI-based DSR email parsing and contributed to suppression logic and key mapping.
- Optimized Goldmine import flows with async APIs and preview generation.
- Designed access control and reporting assignment features in Admin Module.
- Built dynamic multi-stage dropdown UI with GCP data rendering.
- Enhanced performance of RightLeads queries using indexing and materialized views.
- Addressed security issues via input sanitization and secure headers during VAPT.
- Improved code reliability by writing unit tests using Mocha, Chai, and Sinon.

**Web Developer Intern** — MyCryptoMart, Mumbai

Dec 2021 – May 2022

- Developed backend APIs and integrated OpenSeas platform.
- Converted UI mockups into dynamic EJS-based web pages.

**Software Developer Intern** — Trainity (Remote)

Sep 2021 – Nov 2021

- Built full-stack web apps with Node.js and MongoDB.
- Deployed apps online and gained experience with RESTful APIs.

## Projects

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**Music Catalogue System** — Flask, MySQL

- Web application to store and manage music collections.
- Presented at PRAGATI Inter-College Project Competition.

**Paying Guest Website** — Node.js, MongoDB

- Platform for PG students to discover and filter accommodations.

## Technical Publication

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**“Zeco - The Cleanup Bot”**, IJIRT, Vol 9, Issue 12 — May 2023

- IoT-based vacuum cleaner with auto/manual control using Arduino Uno and BLDC motor for efficient cleaning.
- Uses real-time object detection for navigation and optimized room coverage.