

# Hemanth R

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LinkedIn

Portfolio

GitHub

Medium

## Education

**Don Bosco Institute of Technology, Bengaluru**  
Bachelor of Engineering in Information Science

2022–2026  
8.7/10 CGPA

## Work Experience

**Butter Money**  
Full Stack Developer Intern

March 2025–Present  
Bengaluru, India

### Channel Partner Platform Development

- Engineered a complete Channel Partner Sales Agent module (front-end and back-end), enabling secure registration, lead creation and tracking, and real-time monitoring of customer loan applications.
- Integrated Zoho CRM automation to sync newly generated leads with detailed customer metadata, eliminating manual data entry and accelerating sales team follow-ups.

### Customer Onboarding & Document Automation

- Contributed to a high-impact onboarding flow for real loan customers with document uploads, validation, and end-to-end editing support.
- Built Slack pulse automation delivering customer documents and statuses directly to internal teams, integrated with v2 of our document processor for faster handling and compliance.

### Admin/Ops Dashboard

- Developed a centralized dashboard for internal teams to manage loan journeys, customers, and channel partners.

### Eligibility Flow & UI/UX Performance

- Spearheaded the Eligibility module, implementing precise input validation and eligibility checks based on customer personal and income details to ensure accurate loan qualification decisions.
- Developed a build-time image optimization engine that reduced asset sizes by 96% (10MB → 400KB), improving load speed by 2.5x.

### SEO and Analytics Integration

- Implemented dynamic `robots.txt` and `sitemap.xml`, achieving 91–100 Lighthouse SEO scores.
- Integrated PostHog for user tracking and funnels, boosting conversion analytics by 30%.

**MaxPetZ**  
Full Stack Developer (Freelance)

Aug 2025–Sept 2025  
India (Remote)

### Veterinary Client Web Ecosystem Development

- Delivered an end-to-end digital platform including user-facing website, appointment booking, admin portal, and CMS-driven blog.
- Built secure user and admin flows with content and data management capabilities to streamline customer interactions.
- Improved platform scalability to support growth from 2–3K to 10–13K monthly unique visitors, leading to increased appointment bookings.

### Future Integrations

- Planned real-time social feed integration and payment gateway for online appointment booking.

## Projects

### TaskForge

[Source Code](#)

- Developed a Bounty Automation Platform leveraging GitHub Webhooks to enable seamless, secure, and automated reward distribution for open-source contributors.
- Designed a dynamic webhook system that generates unique URLs for seamless GitHub integration. On PR closure, it processes bounties, validates credentials, executes transactions, and sends automated notifications.
- Designed an event-driven architecture using Kafka, reducing processing time.

### TapNGo

[Source Code](#)

- Developed a full-stack digital payment platform for wallet management, P2P transfers, and bank deposits.
- Built the Vision Vault feature, a deposit goal system that allows users to save money like a digital bank.
- Designed and deployed bank webhook on AWS EC2, The server enables secure bank deposit creation and processing, ensuring efficient transaction management in a cloud-native environment.

## Skills Summary

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**Programming Languages:** Python, JavaScript, TypeScript (Basics)

**Backend Technologies:** Express.js, FAST API, Apache Kafka

**Frontend Technologies:** Next.js, React.js, Tailwind CSS

**Databases & ORMs:** PostgreSQL, Prisma, SQLAlchemy

**Computer Science Fundamentals:** Object-Oriented Programming (OOP)

**Cloud & DevOps:** CI/CD, Docker, AWS (EC2, S3)

**Version Control & Development Tools:** Git, GitHub, GitHub Actions, Postman

## Achievements

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- Runner-up of **Pykathon 2024** held at Don Bosco Institute of Technology.
- Selected as one of the top 35 students by Samsung Innovation Campus at Don Bosco Institute of Technology for their training program.