

Bhagya

Software Engineer

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SUMMARY

AI-focused Full Stack Developer with experience building scalable web applications and intelligent systems. Skilled in React, Node.js, and Python for end-to-end product development.

EXPERIENCE

AI Full Stack Developer

Jul '25 — Present

Salesence

Remote

- Led end-to-end frontend development of an AI-powered marketplace optimization platform, building a scalable React 18 + TypeScript architecture supporting real-time analytics dashboards.
- Built modular, reusable UI components using Tailwind CSS, shadcn/ui, and Vite, ensuring responsive design, design consistency, and fast iteration cycles.
- Integrated 15+ RESTful APIs using custom React Hooks and Context API, enabling real-time data rendering for analytics, user management, payments, and AI-generated insights.
- Implemented internationalization (i18n) using React-i18next, enabling multi-language and multi-region support with dynamic content translation and a scalable UI architecture.
- Designed and implemented secure authentication flows, including protected routes, session handling, and role-based access control, using React Router v6 and Context API.
- Collaborated closely with backend engineers to integrate Node.js / Express APIs and Supabase (PostgreSQL) services, managing production deployments on Vercel and Render with performance optimizations.

PROJECTS

Insurance-Management-System, Freelance

Sep '25 — Oct '25

- Delivered a production-ready full-stack insurance management system for a freelance client, handling policy, client, and claims workflows end-to-end.
- Designed and developed responsive dashboards and forms for policy submission, client onboarding, and claims logging, focusing on UX clarity and usability.
- Built and integrated RESTful backend APIs supporting authentication, policy lifecycle management, claims processing, and historical data tracking.
- Designed relational database schemas for clients, policies, and claims, ensuring data integrity, efficient querying, and scalable updates across modules.

Bone Fracture Detection

Bengaluru, India

- Developed an AI-based Bone Fracture Detection system using Convolutional Neural Networks (CNNs) for analyzing X-ray images.
- Evaluated and compared multiple Machine learning models including YOLOv8, Fast R-CNN with ResNet and VGG16.
- Implemented data augmentation techniques to improve model robustness and performance across diverse medical image datasets.
- Designed a web-based interface enabling real-time X-ray image analysis to assist medical professionals in diagnosis.

SKILLS

Frontend ReactJS, Javascript, HTML, CSS, Tailwind, Bootstrap, Figma

Backend & DB Node.js, Express.js, RESTful API, MySQL, PostgreSQL

AI & Data Python, Keras, OpenCV, NumPy, Pandas, Scikit-Learn

DevOps & Tools Git, Github, Vercel, Netlify, Render, Postman, Cursor

EDUCATION

B.E in Information Science Engineering, MVJ College of Engineering (GPA: 8)

Dec '21 — May '25

PUC in PCMB, SLV PU College (GPA: 76%)

Jun '18 — Mar '20

SSLC, Sri.Basaveshwara School (GPA: 79%)

Jun '17 — Apr '18

CERTIFICATIONS

Python, Udemy

Responsive Web Design, freecodecamp

May '24

MySQL for Beginners, Udemy

Apr '25