

# HIMAL .B

## FRONTEND ENGINEER

Vellore, Tamil Nadu (relocation anywhere) | himal9626@gmail.com | heyhimal.me | 9626263014

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Dynamic and skilled in full stack development with over 2 years of hands-on experience in building scalable web applications, I'm proficient in both front-end and back-end development, with a focus on DevOps methodologies and ensuring security through penetration testing.

### PROFESSIONAL EXPERIENCE

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#### Aiensured - Frontend Engineer

Sep 2021 - Present

- **Developed a real-time AI/ML testing platform** with model uploads, live dashboards, and detailed reports, powered by scalable AWS EC2 infrastructure.
- **Built a cloud-based backend** with Python-Node.js Bridge integration, automating test execution, result handling, and usage-based billing with payment integration.
- **Improved performance and UX** through code refactoring, bug fixes, role-based access, dynamic theming, and interactive data visualizations.

#### Bahikhata - Full-Stack Engineer (Consultant)

Sep 2023 - Present

- **Developed an expense tracker** with SMS OTP login, Redis rate limiting, cron jobs, and performance optimizations including memory leak fixes and state management.
- **Contributed to a React Native app** with offline support via RealmDB, database migrations, CI/CD with Jenkins, and AWS instance management.
- **Developed key fintech features** including PAN and Aadhaar verification via DicenTro, SMS templating with MSG91, ledger analysis.

#### Octacomm - Full-Stack Engineer (Consultant)

Sep 2025 - Present

- **Developed an end-to-end transcription feature** for the open-source meeting platform BigBlueButton (BBB), supporting over 100 regional languages.
- **Achieved 98% speaker-level transcription accuracy** with individual tracking, integrated with a real-time dashboard for easy access and monitoring.
- **Added Safari video background filter** support in the BigBlueButton (BBB) stack by integrating a custom in-browser ML model for real-time video processing.

### SKILLS & ACHIVEMENTS

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**Professional Skills :-** Javascript, Typescript, Python, ReactJS, NextJS, Nodejs, React Native, Tailwindcss, Bootstrap

**Technical Skills :-** CI/CD, Docker, System Design, Linux (Arch,Ubuntu), VAPT(basics)

**Achievements:-** Getting into Top 1 in Nepal HackTheBox, Taught 500+ students Live Bug Bounty Lectures, Received Bug Bounty a three-year VPC server subscription from Fastmooze for detecting parameter tampering in a payment gateway

### EDUCATION

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- CIT, B.Tech Computer Science - Pondicherry (2023-2025)
- TPEVR, Diploma Electrical and Electronics Engineering - Vellore (2019-2021)

### LANGUAGES

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Tamil, Nepali, English, Hindi