VISHAL THOMBARE

Full Stack Software Engineer | Angular • NestJS • Python | Currently in Malaysia (Valid Work Visa)

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PROFESSIONAL SUMMARY

Software Engineer with over 5 years of experience across the Automobile and Fintech domains, delivering enterprise-grade web solutions. Expert in developing scalable full-stack applications using Angular, NestJS, and Python (Django/FastAPI). Skilled in integrating third-party APIs, optimizing backend performance, and aligning systems with VAPT and security audit standards. Adept at leading teams, improving system efficiency, and collaborating in cross-functional environments across India and Malaysia.

KEY ACHIEVEMENTS

• Delivered multiple Fintech-grade products meeting **NPCI compliance** under tight deadlines.
• Designed and implemented a **BBPS-BBPOU Biller-side solution** enabling seamless payment integration.
• Automated reconciliation logic that improved transaction accuracy and reduced manual verification by 40%.
• Improved Angular application performance, reducing load time by over 30% through optimized component design.
• Mentored and guided a technical team of 5+ developers in modern full-stack practices.

TECHNICAL SKILLS

Frontend: Angular, React, RxJS, TypeScript, JavaScript
Backend: NestJS, FastAPI, Django REST Framework, Python Scripting
Database: PostgreSQL, SQLAlchemy
DevOps: Docker, Jenkins, Kubernetes, Git, SonarQube, Linux, Crontab
Other: JWT, OAuth 2.0, REST API Integration, Virtual Machine Deployment

PROFESSIONAL EXPERIENCE

Sr. Software Engineer – Simbiotik Technologies Sdn Bhd – PJ, Selangor, Malaysia (Aug 2023 – Present)

• Developed high-performance Angular applications with scalable architecture and responsive UI.

• Provided design solutions, code reviews, and performance optimization using NgRx and service-based architecture.

• Collaborated in Agile sprints to align business and technical objectives across distributed teams.

Technical Team Lead / Full Stack Developer – Rhythm Flows Solutions – Pune, India (Jul 2021 – Aug 2023)

• Led end-to-end development of the BBPS-BBPOU Biller Portal and Agent Institution COU systems.

• Integrated banking APIs, improving payment transaction reliability and system security.

• Created API sandbox using FastAPI for seamless third-party integrations.

• Architected an automated reconciliation platform that enhanced financial accuracy.

Junior Software Engineer – ModezTech Ingenious Pvt Ltd – Pune, India (Feb 2020 – Jun 2021)

• Built e-commerce applications focusing on front-end design, responsiveness, and maintainability.

• Contributed to code enhancement, UX improvements, and cross-team technical discussions.

PERSONAL PROJECTS

Speech Recognition Assistant: Voice-based virtual assistant built in Python.
Chat Application: Real-time communication app using Django Channels and Redis for local network messaging.

EDUCATION

Bachelor of Computer Science – Savitribai Phule Pune University (SPPU), Pune, India (2020)
Project: Student Attendance System using Face Recognition – Automated attendance tracking with PDF report generation.

Current Visa: Valid Malaysian Work Visa (Open to relocation for international opportunities)