

Mahavishnu P

mahavishnup.github.io

Full Stack Developer / Laravel, FastAPI & React.js Developer

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PROFESSIONAL SUMMARY

Full Stack Developer with 5+ years of experience building web applications, backend systems, REST APIs, and enterprise platforms using Laravel, React.js, Next.js, FastAPI, PostgreSQL, and MySQL. Experienced in developing booking platforms, admin systems, REST APIs, and enterprise business applications. Strong knowledge of backend architecture, system design, database optimization, cloud servers, CI/CD, and application development. Familiar with AI integrations, OpenAI APIs, LangChain, and AI-assisted workflows.

TECHNICAL SKILLS

- **Backend:** PHP, Laravel, Livewire, FilamentPHP, Python, FastAPI, REST APIs, RabbitMQ
- **Frontend:** React.js, Next.js, Inertia.js, Tailwind CSS, Bootstrap, JavaScript, TypeScript
- **Databases:** MySQL, PostgreSQL, TimescaleDB, MongoDB, Redis, Pinecone, Vector Databases
- **AI & Automation:** OpenAI APIs, LangChain, MCP, AI Integrations, AI-assisted Workflows
- **DevOps & Infrastructure:** Git, GitHub Actions, CI/CD, Docker, DigitalOcean, Linux Servers, Nginx
- **Others:** Payment Gateway Integration, DoubleTick, Postman, SMS Integrations, WhatsApp Integrations

PROFESSIONAL EXPERIENCE

Hectadata Pvt Ltd

PHP Developer

Remote, Malaysia

Jul 2024 - Present

- Building scalable enterprise applications using Laravel, FastAPI, React.js, and PostgreSQL
- Developing high-performance REST APIs and distributed backend systems using RabbitMQ
- Working on AI-assisted legal analysis and vehicle monitoring/overload detection systems
- Contributing to system design, database optimization, CI/CD pipelines, and cloud infrastructure
- Developing scalable frontend systems using React.js, TypeScript, and modern component architecture

Byrut Business Solutions





Web Developer

Remote, Andaman

Sep 2020 - Jun 2024

- Delivered 20+ production-grade projects across tourism, booking, management, and e-commerce domains
- Built a scalable tourism platform supporting hotel, ferry, cab, and boat bookings with 25,000+ monthly users
- Developed modular admin dashboards, accounting systems, inventory management, and pricing engines
- Integrated secure payment gateways and third-party APIs for booking and payment processing
- Improved performance through optimized SQL queries, backend refactoring, and scalable database design
- Developed responsive frontend applications using React.js, Next.js, TypeScript, and Inertia.js

PROJECTS

- Node.js Face Unlock Webapp — Facial login system using React.js and PostgreSQL  GitHub
- NLP-based Chatbot — AI-powered chatbot using NLP techniques and conversational workflows  GitHub
- Private & Anonymous PHP Search Engine — Privacy-focused internal search application  GitHub
- PHP Library Management System — Admin dashboard for book tracking and lending  GitHub

AWARDS/CERTIFICATION

- International conference paper published on blockchain-based invoice factor & secure credit-based training.
- Won 2nd place in paper presentation for artificial intelligence National level technical symposium.
- Certificate of Participation International hackathon for Smart India hackathon 2020.

EDUCATION

Paavai Engineering College

B.Tech in Information Technology CGPA: 7.75/10

Namakkal

Aug 2017 - June 2021

ADDITIONAL

- Languages: English (Professional), Tamil (Native)
- Hobbies: Watching movies, gaming, web research