Jeevakrishna Vetrivel

+91 81484 67383 | jeevakrishna073@gmail.com | jeevakrishna.vercel.app

linkedin.com/in/jeevakrishna73 | github.com/Jeevakrishna

PROFESSIONAL SUMMARY

Full-stack engineer with strong frontend expertise, focused on building fast, intuitive, and reliable product experiences. Experienced in **React, TypeScript, API development, and scalable web systems**. Skilled at turning product ideas into polished user-facing features, collaborating closely with users and stakeholders, and shipping quickly in startup environments. Comfortable owning products end-to-end — from crafting responsive, high-quality interfaces to implementing backend endpoints and data models. Thrives in small, high-impact teams and enjoys working directly with customers to refine and improve product experiences.

EXPERIENCE

•Frontend Developer Intern   *Oct 2024 – Jan 2025*
TRYMBKM   Remote
  – Collaborated on frontend performance optimization and debugging in production React systems.
  – Improved app reliability by 20% through reusable component refactoring and better API handling.

•Founder & Developer   *Mar 2024 – Present*
VoltaVerse Studio   Remote
  – Designed and maintained full-stack apps with real-time user data and cloud integration.
  – Automated deployment workflows and monitored performance using Google Cloud and Vercel tools.

•Freelance Developer   *Apr 2022 – Present*
Freelancer   Remote
  – Delivered full-stack and AI-based web projects for clients worldwide.
  – Automated repetitive debugging tasks using Python scripts and improved runtime efficiency.

EDUCATION

•SASTRA University   *2022 – 2026*
Bachelor of Technology in Information Technology   Thanjavur, India

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, SQL, Ruby (working knowledge), C++

Frontend: React.js, Next.js, HTML5, CSS3, Tailwind, Component Architecture, Performance Optimization

Backend / APIs: Node.js, Express, REST APIs, Basic Rails (ability to learn quickly), Server-side Logic

Databases: PostgreSQL, MongoDB, MySQL

DevOps / Tools: GitHub Actions, Docker, AWS, Google Cloud, CI/CD

Core Skills: Frontend Ownership, Product Engineering, UX Collaboration, Rapid Iteration, Debugging, System Reliability, Cross-functional Communication

SELECTED PROJECTS

•Zuzu Language - Story-Driven Educational Language   Python, Lexer/Parser | GitHub

–Built full compiler pipeline including lexer, parser, and tree-based interpreter.

–Designed an esoteric programming language that teaches logic to children (10–14) through animated narrative blocks.

•PromptPDF — AI PDF Reasoner   Next.js, Python | Live Demo | GitHub

–Built an AI PDF assistant with RAG-based search, real-time parsing, and memory-aware conversations.

–Designed scalable async pipelines for large documents with S3-backed file handling.

•Food-Focus AI — Vision-Powered Nutrition Analyzer   Vision AI, Flask | Live Demo | GitHub

–Built a ViT-based food recognition pipeline with preprocessing and robust error handling.

–Added caching and fallback layers for stable predictions across varied conditions.

•SWITCH Game — Fast-Paced 2D Puzzle   Unity, C# | Play Store | GitHub

–Achieved stable 60+ FPS on low-end Android devices through physics and rendering optimizations.

–Used analytics-based tuning to refine difficulty, progression, and release updates.