RITIK

Full Stack AI Engineer

Contact: +91 9991448771 | ritik135001@gmail.com | Portfolio | LinkedIn | GitHub | VitalBite Demo

PROFESSIONAL SUMMARY

Innovative Full Stack Engineer with 2+ years of experience building data-driven web applications and AI-enhanced user experiences. Experience in node.js backend & python with modern frontend frameworks (React, Angular, Vue.js). Strong background in leveraging AI tools for rapid development and intelligent feature delivery. Proven ability to work in agile sprint environments, collaborate with cross-functional teams, and deliver scalable solutions that drive user engagement and conversion optimization.

TECHNICAL STACK

Full-Stack Development:

- **Backend:** Node.js, Python, Spring Boot, RESTful APIs
- **Frontend:** React, Angular, Vue.js, TypeScript, JavaScript
- **Databases:** PostgreSQL, MongoDB, MySQL,Supabase

AI & Analytics Integration:

- **AI Models:** GPT-4o, Gemini 2.0, Claude 3/4, Groq, OpenAI API
- **AI Development:** Cursor, Windsurf, Lovable, GitHub Copilot, Fine-tuning, Embeddings, RAG
- **Multimodal AI:** GPT-4o-Vision, Gemini 2.5 Flash, DALL·E 3, Stable Diffusion XL,Flux
- **Analytics Focus:** User behavior analysis, data-driven decision making

Cloud & Infrastructure:

- **Platforms:** AWS (CDK, CloudWatch), Docker, Kubernetes
- **CI/CD:** Jenkins, GitHub Actions, Automated Testing & Deployment
- **Monitoring:** Performance optimization, availability tracking (99.9%+)

PROFESSIONAL EXPERIENCE

SOFTWARE ENGINEER | TEKsystems Global Services
September 2022 – Present

Amazon Inc. | Scalable Platform Development *February 2024 – December 2024*

- Developed high-performance full-stack applications using modern frameworks and AI-enhanced workflows
- Built robust AWS infrastructure achieving 99.9% availability for applications serving thousands of users
- Implemented intelligent monitoring and automated systems for proactive issue resolution

- Collaborated effectively with global distributed teams in agile sprint methodology
- Leveraged AI tools to accelerate development cycles and improve code quality

Innovan | Government Digital Platform *April 2023 – January 2024*

- Built scalable user-facing features using Vue.js and Spring Boot for platform serving thousands of users
- Developed data-driven solutions focusing on user engagement and platform optimization
- Led agile sprint planning and stakeholder communication in fast-paced environment
- Implemented comprehensive testing frameworks ensuring high-quality deliverables
- **Recognition:** Certificate of Appreciation + Spot Award for exceptional performance and delivery excellence

Ruan | User Experience Enhancement *November 2022 – February 2023*

- Enhanced Angular-based fleet management application focusing on user experience optimization
- Implemented features that improved user engagement and operational efficiency
- Worked closely with cross-functional teams to deliver user-centric product improvements

AI-ENHANCED PRODUCT DEVELOPMENT

VitalBite | AI-Powered User Experience Platform

January 2025 – February 2025

- **Production Application:** Built comprehensive nutrition tracking platform with focus on user engagement
- **Advanced AI Features:** Integrated Google Gemini AI for intelligent user interactions and multimodal processing
- **User-Centric Design:** Implemented features driving user retention and engagement optimization
- **Modern Architecture:** React 18, TypeScript, PWA capabilities for enhanced user experience
- **Live Platform:** Successfully deployed at vitalbite.me with active user base

AI Innovation Portfolio

- **Intelligent Applications:** Developed multiple AI-powered solutions using latest models
- **User Experience Focus:** Created applications that enhance user engagement through AI-driven personalization
- **Development Efficiency:** Mastered AI tools (Cursor, ChatGPT) for rapid prototyping and feature delivery
- **Open Source Contributions:** Active development on GitHub with focus on user experience

KEY COMPETENCIES

Experience Optimization

- Strong focus on building user-centric applications that drive engagement and conversion
- Experience with data-driven development and user behavior analysis

- Understanding of experimentation principles and iterative improvement methodologies

AI-Driven Development

- Expert in leveraging AI tools for accelerated development and intelligent feature creation
- Experience with fine-tuning AI models and implementing advanced AI techniques (RAG, embeddings)
- Proficient in integrating multimodal AI capabilities for enhanced user experiences

Agile Collaboration

- Proven success in sprint-based development environments with rapid feature delivery
- Strong cross-functional collaboration skills with product, design, and stakeholder teams
- Experience with remote team coordination and modern development workflows

Technical Excellence

- Comprehensive full-stack development skills across modern frontend frameworks
- Strong understanding of scalable architecture, cloud platforms, and CI/CD practices
- Focus on maintainable, high-quality code with comprehensive testing strategies

EDUCATION

Bachelor of Technology in Computer Science Engineering Chandigarh Group of Colleges, India | *2018 – 2022*