

Parth Vashista | Full Stack Software Engineer

+91 91991 42190 • vashistaparth@gmail.com
parthvash1.github.io/Portfolio-/ • in parth-vashista • parthvash1

Professional Summary

Results-driven Full Stack Software Engineer with a proven track record of architecting scalable, high-availability web applications and driving digital transformation. Expert in bridging the gap between complex technical execution and strategic business objectives. Highly proficient in modern tech stacks (React, Next.js, Python, Frappe) and advanced AI integrations (RAG, Multimodal Models). Adept at spearheading cross-functional initiatives and delivering robust SaaS solutions in fast-paced Agile environments.

Core Competencies & Technical Skills

Frontend: React, Next.js, Tailwind CSS, UI/UX Architecture

Backend: Python, Frappe, FastAPI, RESTful API Development

AI & ML: RAG Pipelines, Multimodal Models, NLP, Computer Vision

Cloud/DevOps: Docker, GitLab CI/CD, Grafana, Git, Infrastructure Optimization

Business: Agile/Scrum, SDLC, Stakeholder Management, KPI Optimization, Leadership

Professional Experience

DocSynx (Stealth HealthTech Startup)

Remote - Houston, Texas

Full Stack Engineer

- Spearheaded the end-to-end architecture of a secure, HIPAA-compliant HealthTech web platform, accelerating time-to-market for critical clinical features.
- Architected intelligent clinical workflows utilizing RAG pipelines and multimodal embedding models, enhancing data retrieval efficiency for healthcare providers.
- Developed an automated, AI-powered voice transcription engine to streamline medical prescription generation, reducing documentation time and human error.

Expediens Eolution

Delhi, India

Software Engineer

Feb 2023 – Mar 2025

- Championed the development of a proprietary AI-driven chatbot in Rasa Framework, delivering a direct operational expenditure (OpEx) reduction of \$160,000 annually.
- Orchestrated the full SDLC for enterprise applications, including a modernized Expense Management system and an automated Project Management dashboard.
- Mentored a high-performing agile engineering team, fostering best practices in Python and JavaScript frameworks while ensuring alignment with key business deliverables.
- Engineered a robust Weapon Inventory Management System, integrating zero-trust facial recognition authentication and RFID hardware for government compliance.
- Instituted automated GitLab CI/CD pipelines, increasing deployment frequency and ensuring rigorous code quality standards.

Extension Technologies

Delhi, India

Software Engineer

Mar 2022 – Jan 2023

- Scaled critical backend infrastructure utilizing the Frappe Framework, ensuring high availability for an enterprise workforce of 6,000+ concurrent field technicians.
- Collaborated with business stakeholders to translate complex business logic into automated CRM and ERP workflows via customized server scripts.
- Designed a zero-downtime CI/CD deployment strategy integrated with Grafana for real-time performance tracking and system health diagnostics.
- Deployed dynamic, query-based data visualization reports, empowering executive leadership with actionable insights for strategic decision-making.

Education

Punjab Technical University

Punjab

Bachelor of Technology in Computer Science

2018 – 2022

- **Leadership:** Lead Organizer and President of the "CODEX" coding society; established a sustainable peer-mentorship program that remains active today.
- **Extracurriculars:** Active participant in the Debate Society; State-level competitor in swimming and football.

The Millennium School

Amritsar

Higher Secondary (XII), 78%

2018

The Millennium School

Amritsar

Secondary (X), 8 CGPA

2016