

PARVEZKHAN PATHAN

Software Engineer

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PROFESSIONAL SUMMARY

Software Engineer with 3+ years of experience developing production-grade, scalable full-stack applications and AI-driven systems. Proven expertise in designing distributed microservices architectures on cloud platforms, optimizing performance for low-latency and high-throughput. Passionate about leveraging AI/ML integration and leading projects end-to-end to deliver measurable impact.

EDUCATION

Bachelor of Computer Applications (BCA)

Navrachana University Vadodara, Gujarat, India

CGPA: 7.79 / 10

2020 – 2023

SKILLS

Languages	JavaScript (ES6+), TypeScript, Python, SQL, HTML5, CSS3
Frontend	Angular, React, Next.js, Responsive Web Design, Component Architecture
Backend	Node.js, Express.js, Hono, RESTful APIs, Microservices, WebSockets
Databases	MongoDB, PostgreSQL, MySQL, MSSQL, DynamoDB, Elasticsearch, Redis
Cloud & DevOps	Amazon Web Services (AWS): Lambda, DynamoDB, S3, CloudWatch; Docker, Nginx, Jenkins, GitHub Actions CI/CD
AI & ML	Artificial Intelligence integration, Voice AI (Deepgram API), Computer Vision (face-api.js), Large Language Model (LLM) APIs
Tools	Git, Prisma, Sequelize, Postman, Jira, Cloudflare, Vercel, Firebase, PM2

EXPERIENCE

Full Stack Developer

Consumer Sketch

Nov 2025 – Present

Vadodara, India

- Architected Node.js APIs serving thousands of users with <200ms latency.
- Built AWS serverless backend reducing infra cost 35% via CI/CD automation.
- Implemented Elasticsearch search with p95 <100ms latency.
- Migrated monolith to 4 Dockerized microservices improving scalability.

Software Developer

Garima System Solutions Pvt. Ltd.

Jun 2024 – May 2025

Vadodara, India

- Led Angular development for 3 enterprise apps; built 40+ reusable components.
- Designed secure JWT/OAuth REST APIs with zero security incidents.
- Improved dashboard performance 40% for 500+ daily users.

Junior Developer

Proses Web Technologies Pvt. Ltd.

Feb 2023 – May 2024

Vadodara, India

- Delivered 5 full-stack apps supporting 1,000+ concurrent users.
- Implemented Docker/Nginx deployment achieving 99.5% uptime.

PROJECTS

AI Calling Agent for Restaurant Orders: Developed an AI-powered voice agent using Node.js and Deepgram's speech-to-text API to automate restaurant order taking. Implemented real-time audio streaming with WebSockets, increasing order accuracy and processing efficiency.

TrueSoul – Relationship App Backend: Designed and implemented a Node.js/Express backend with MongoDB for a dating app, including high-performance matching algorithms and real-time chat via WebSockets. Ensured secure operations with JWT authentication, achieving sub-50ms database query times for matching.

MIDAS – Enterprise Asset Management: Led development of an Angular-based frontend for a .NET/MSSQL asset tracking system. Consolidated multi-location asset data into real-time interactive dashboards, replacing manual spreadsheet workflows and improving operational efficiency.

PTM Software – SaaS Experiment Hub: Currently developing a cloud-native SaaS platform featuring an AI-driven UI Mockup Generator, a gamified AI-powered crossword puzzle, and a stock market analysis tool. Built with full-stack JavaScript (React, Node.js) and integrated AI/ML APIs to deliver innovative user experiences. (ptm.software)

CERTIFICATIONS & ACHIEVEMENTS

- Microsoft AI Classroom Series** – Completed coursework in AI/ML fundamentals (Microsoft).
- Google Digital Garage** – Completed digital skills certification (Google).
- National Youth Games Championship 2023 – Gold Medalist** (Mixed Martial Arts).