

MEET POGUL

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SUMMARY

AI Software Engineer and **Engineering Lead** with **4.5+** years of experience spanning **full-stack development**, AI engineering, and technical leadership. Specialize in building scalable, high-performance applications and **Generative AI** solutions using **Python**, **TypeScript**, **React.js**, **Next.js**, and **Node.js**. Led 20+ live projects, **managing cross-functional teams**, and overseeing **system architecture**, **CI/CD**, cloud infrastructure, and end-to-end delivery across **AWS** and **DigitalOcean**. Experienced with **LLMs**, **OpenAI**, **Gemini**, **RAG**, **prompt engineering**, **workflow automation**, and **reverse engineering**. As **CTO**, **Project Manager**, and **Team Lead**, drove **requirement analysis**, estimation, client communication, and project delivery while **mentoring** 15+ junior and QA engineers, conducting internal AI workshops, and fostering an engineering culture that improved development efficiency by 20%.

EDUCATION

C. K. PITHAWALA COLLEGE OF ENGINEERING AND TECHNOLOGY

Bachelor of Engineering - Major in Computer Engineering

SURAT, IN

Aug 2018 - Jul 2022

PROJECTS

AI Recipe Recommendation

AI-powered recipe recommendation engine reducing food waste by matching a user's inventory to their household size, dietary type, allergies, and dislikes. Built the pipeline end-to-end: Firestore data sync and cleaning, Redis caching, and Pinecone vector search with OpenAI embeddings for top-K recipe matches, including ingredient-alternative matching against inventory. Integrated the recommendation APIs into an existing React Native Expo app.

Technologies: Python, FastAPI, Firestore, Redis, Pinecone, OpenAI Embeddings, Spoonacular Dataset

Beauty Up

Appointment booking platform for beauty and spa services across the USA with timezone support. Built the admin/provider dashboard and backend integrations with MindBody, Boulevard, Booker, and Stripe; containerized with Docker.

Technologies: React JS, Node JS, TypeScript, Stripe, PostgreSQL, Docker

Card Switch System

Platform enabling seamless payment orchestration across merchant and subscription platforms, with transaction and subscription data surfaced for insights. Developed, maintained, and upgraded merchant libraries housing the payment business logic of major platforms that support credit card payments, using reverse engineering and web scraping.

Technologies: TypeScript, Python, Git automation/workflows.

iScore

Modular real-time sports-scoring platform (iScore Panel, Client, Client Server, File Management Microservice) where admins schedule matches and commentary users broadcast live scores that partner websites embed via iframe. Built frontend and backend for iScore Panel; independently designed, developed, and deployed the other three services, including WebSocket-based real-time sync and load balancing.

Technologies: WebSocket (Socket.IO), Microservices, React JS, Node JS, PostgreSQL

Transaction Control

Multi-panel payment gateway platform (vendor, agent, and admin panels) enabling merchant websites across India, Dubai, Bangladesh, and Pakistan to accept payments via UPI, bank transfer, and crypto through multiple local gateways, with agent/vendor approval workflows. Led a team of 3 developers and evaluated new gateway integrations.

Technologies: React JS, Node JS, MongoDB

OTHER PROJECTS

Microservices-based Notification and Auth System, SMS AI Chatbot, Data Science – Iris Flower (Python), VAMP Virtual Assistant, COVID Notify (Python & BeautifulSoup), Birthday Wisher (Automation - Email Scheduler).

More project showcases and its details are available at: meet.pogul.in/profile.

WORK EXPERIENCE

Qodors Technologies

Surat, Gujarat, India

AI Engineering Lead

Nov 2025 – Present

- Lead the development of AI-powered applications, helping clients transform ideas into production-ready solutions across **AI architecture, Proof of Concepts (PoCs), prompt engineering**, and **LLM integrations** using **OpenAI** and **Gemini**.
- Develop **AI chatbots, document processing solutions, RAG applications**, and **n8n workflow automation** using **Python, FastAPI, Node.js, Pinecone**, and cloud platforms.
- Partner with clients on requirement analysis and technical feasibility, evaluating AI models and approaches to deliver scalable, business-focused solutions.
- **Mentor** developers, QA engineers, and interns; conduct internal **AI workshops**, review code, and contribute to project planning, estimation, deployment, **DevOps**, and production support.

Chief Technology Officer (C. T. O.)

Aug 2024 – Oct 2025

- Directed the company's technical strategy and innovation roadmap while remaining hands-on in architecture and development. Designed and built scalable web applications using JavaScript frameworks and Python, delivering real-time and AI-driven solutions involving reverse engineering and web scraping. Led internal AI R&D, including OpenAI/ChatGPT integrations.
- Implemented **CI/CD pipelines, automated workflows**, and Dependabot integrations to improve deployment speed and code quality. Managed and optimized cloud infrastructure to improve uptime and reduce operational costs.
- Mentored and trained junior developers and trainees, enforcing best practices across the SDLC from requirement gathering through deployment. Fostered continuous improvement and transparent communication through stand-ups and reviews, driving a **20% improvement in development efficiency**.
- Partnered with domestic and international clients and the **Business Development team** on technical roadmaps, requirement analysis, feasibility assessments, progress reviews, and technical proposals — from pre-sales through post-deployment support.

Sr. Software Developer

Aug 2023 – Jul 2024

- Led development efforts and managed projects as **Project Manager**, overseeing **architecture planning, sprint management**, and **end-to-end delivery**.
- Implemented real-time features using **Socket.io** and **WebSocket**, developed and deployed applications in **Dockerized** environments, and handled complex use cases including SaaS, PaaS, and API-as-a-Service models.
- Mentored junior developers, **managed team workflows**, and ensured timely deployments while maintaining effective **client communication** throughout the development lifecycle.

Jr. Software Developer

Aug 2022 – Jul 2023

- Contributed to live client projects, developing and maintaining web applications using the **MERN, Next.js**, and **MySQL**.
- **Deployed** PHP and Node.js applications on **AWS** and **DigitalOcean**, configured **NGINX/Apache** web servers, and built scalable APIs for client-facing applications.
- Collaborated with international senior developers and clients to understand **real-world project** workflows and apply full-stack development best practices.

Software Developer Intern

Jan 2022 – Jun 2022

- Contributed to web application development using **MERN** and **MySQL**, and integrated multiple **bots**.

SKILLS & ADDITIONAL

Technical Skills: React.js, Next.js, Node.js, JavaScript, TypeScript, Python, FastAPI, Django, HTML5, CSS3, Express.js, Fastify.js, Web sockets/Socket.io, REST API, MongoDB, SQL, MySQL, PostgreSQL, Redis, Prisma, GraphQL, Firebase, Unit Testing (Jest), ChatGPT/OpenAI, Reverse Engineering, Web Scraping, Web Hooks.

AI & Generative AI: Generative AI, LLMs, OpenAI API, Gemini API, Prompt Engineering, RAG, LangChain, Pinecone, AI Agents, Document AI, n8n.

DevOps Skills: Git, GitHub, Docker, AWS, DigitalOcean, Vercel, Render, NGINX, Apache, Linux, CI/CD, System Design.

Management Skills: Requirement Analysis & Estimate, Sprint Planning, Project Management, Client Communication, Team Leadership, Agile Methodologies, Scrum, Jira, Linear.

Certifications & Training: Star Cyber Secure User - R11, CompTIA IT Fundamentals FC0-U61.