

YOGESH PATIL

Software Development Engineer [linkedin.com/in/yogeshpatil28](https://www.linkedin.com/in/yogeshpatil28) | github.com/officialYogesh | iamyogesh.com

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TECHNICAL SKILLS

Languages: Python, Node.js, JavaScript, TypeScript, React, FastAPI, GraphQL
Cloud & DevOps: AWS (Lambda, API Gateway, S3, CloudWatch, SNS/SQS), GCP (Cloud Functions, Firebase), Docker, Kubernetes, GitHub Actions, CI/CD Pipelines
Databases: PostgreSQL, MongoDB, Redis, DynamoDB, SQL
Systems & Architecture: Microservices, Event-Driven Architecture, REST APIs, Serverless, Message Queues (DLQ)
AI/LLM Tooling: LangChain, Retrieval-Augmented Generation (RAG), Prompt Engineering, A/B Testing, LLM Integration

WORK EXPERIENCE

Impel AI - Conversational Service AI Platform Remote, New York, USA

Software Engineer Intern | GenAI, Messaging Systems, LLM Workflows Jan 2025 – May 2025

- Automated 70% of dealership service appointment workflows by developing a LangChain-powered GenAI pipeline using Retrieval-Augmented Generation (RAG), reducing outreach and scheduling time by **80%**.
- Improved real-time communication latency by **66%** by implementing asynchronous messaging with Amazon SQS and dead-letter queues (DLQ) across SMS and email channels.
- Boosted conversation linking accuracy by **32%** by creating an LLM-based validation middleware for entity extraction and intent classification, increasing milestone reliability by **28%** across multi-channel workflows.
- Increased appointment confirmations by **19%** through A/B tested LLM-driven personalization strategies, and reduced customer abandonment by **25%** by deploying containerized microservices integrated with dealership management systems (DMS) and calendar APIs.

Software Engineer Intern | Backend APIs, CI/CD, Cloud Infrastructure May 2024 – Aug 2024

- Improved API response times by **42%** by building RESTful backend services in Python and Node.js, streamlining appointment scheduling and customer data integration across dealership platforms.
- Accelerated deployments by **60%** by designing CI/CD pipelines and containerized microservices on AWS (Docker), cutting regression errors by **45%** and accelerating release cycles.
- Boosted pipeline throughput by **37%** by engineering an **event-driven** architecture with AWS SNS/SQS for GenAI inference routing, enhancing service reliability in high-concurrency LLM environments.

Tech Prescient – Product Engineering for SaaS Clients Remote

Software Engineer | Full-Stack, AWS, React, Okta Mar 2022 – Jul 2023

- Accelerated platform adoption by **4x** by leading development of a role-based access control (RBAC) admin console in React/TypeScript with Okta integration, enabling secure multi-tenant user provisioning for Vonage’s enterprise portal.
- Improved deployment efficiency by **48%** by implementing CI/CD pipelines with GitHub Actions and AWS, standardizing build/test automation across full-stack services powering real-time geospatial dashboards.
- Enabled **\$100K+** in projected revenue by building a greenfield microservice to unify 100+ oceanographic data sources for **Maxar**, improving vessel tracking and analytics across **5K+** maritime data points.

Xoriant Solutions Pvt. Ltd. – Business Systems Mumbai, India

Software Engineer | Node.js, React, Redis, MongoDB Nov 2020 – Mar 2022

- Saved 20+ engineering hours per week by developing a Node.js/React payroll and leave management system for **3,000+** employees, using Redis caching and MongoDB to automate manual HR processes.

PROJECTS

JobFit AI – Your Career Copilot | LangChain, Firebase, GPT-3.5, Next.js Jan 2025 – Mar 2025

- Improved resume match accuracy by **40%** by building a **serverless** LangChain RAG pipeline on Firebase, enabling LLM-driven resume feedback, ATS scoring, and career gap analysis.

EDUCATION

Syracuse University New York, USA

Master of Science, Computer Science May 2025

University Of Mumbai Mumbai, India

Bachelor of Engineering, Computer Science Engineering May 2020