

# NINAD DIGHE

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## PROFESSIONAL SUMMARY

Founding Engineer and Ex-Google SRE with 6+ years of experience building scalable, AI-driven systems. Expert in bridging the gap between rapid product development and reliability engineering. Proven track record of leading engineering teams, architecting agentic RAG pipelines, and ensuring 99.99% availability for high-traffic distributed systems. Passionate about leveraging Large Language Models (LLMs) to solve complex business problems.

## PROFESSIONAL EXPERIENCE

### Krazimo

Founding Engineer

Bangalore, Karnataka

10/2025 - Present

- Architected Agentic RAG pipelines using LangChain and Knowledge Graphs to enable efficient long-term and short-term memory retrieval, significantly enhancing context accuracy in AI systems.
- Orchestrated the technical roadmap for a client's engineering team, establishing code review standards, CI/CD pipelines, and mentorship protocols. Resolved critical scalability bottlenecks and data leaks, directly enabling a successful go-to-market strategy.
- Spearheaded the development of full-stack Agentic AI solutions (Python, GoLang, Web3), including an on-chain information retrieval system and an AI-driven sales training platform for high-ticket client acquisition.

### Google

Software Engineer - Site Reliability Engineering

Bangalore, Karnataka

10/2023 - 10/2025

- Engineered AI workflows to automate the launch review process, gathering production readiness requirements and providing proactive feedback, which reduced manual toil by 70%.
- Achieved a 100% reduction in Recovery Time Objective (RTO) for data incidents by designing and implementing "Point-in-Time" restore capabilities for critical databases.
- Developed a schema canarying framework for internal databases to prevent bad schema pushes, eliminating 90% of production data incidents.
- Designed and developed "Detectr," a tool for automated discovery of software bugs from social platforms (Reddit, X), automatically triaging tickets to relevant dev teams with actionable steps.
- Served as a reliability gatekeeper for major service launches, collaborating with product teams to enforce production best practices and conducting postmortems to identify architectural improvements.
- Improved reliability of critical Android/iOS workflows by implementing priority-based load shedding, reducing task overloads by 80% during high-traffic events.

### Google

Technical Solutions Engineer, Google Cloud

Bangalore, Karnataka

08/2020 - 09/2023

- Developed an automated GCP incident handler for GKE and Anthos deployments in GoLang, reducing incident response time by 50%.
- Automated support workflows for GKE autoscaling using "Troublemaker," enabling automatic detection of 80% of scaling issues in customer clusters.
- Acted as Subject Matter Expert (SME) for GKE and Anthos, resolving high-severity incidents for premium enterprise customers including Spotify, Snap, and Flipkart.

### Hermitcrabs

Software Engineer

Bangalore, Karnataka

1/2020 - 06/2020

- Built a full stack website for task assignment and intern management, streamlining interaction between interns and team leads.
- Designed performance assessment dashboards for administrators to track task completion and intern progress.

## EDUCATION

### PES University

B.Tech., Computer Science Engineering, 8.5 CGPA

Bangalore, Karnataka

08/2016 - 08/2020

### DAV Public School

12th, Science

Pune, Maharashtra

09/2010 - 07/2016

## TECHNICAL SKILLS

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### Core Competencies

- Software Engineering & System Design
- Site Reliability Engineering (SRE)
- AI/ML & Agentic Workflows
- Cloud Architecture (GCP)
- Problem Solving & Algorithms

### Languages & Tools

- Python, GoLang, C++
- JavaScript/TypeScript, Flutter
- Kubernetes, Docker, Terraform
- LangChain, TensorFlow

## PROJECTS

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### Foreverkind - Therapeutic AI Assistant & Life Coach

Personal Project

Python, LLMs, NLP

- Built an empathetic AI companion acting as a therapeutic assistant and life coach, utilizing Large Language Models (LLMs) for personalized mental wellness support.
- Implemented Retrieval-Augmented Generation (RAG) with Vector Databases (e.g., Pinecone) to maintain long-term context of user conversations and track emotional progress.
- Designed a privacy-focused architecture with sentiment analysis guardrails to ensure safe interactions, leveraging prompt engineering to handle sensitive topics responsibly.

### Agentic Automated Instagram Content Pipeline

Personal Project

Python, LangChain, Instagram Graph API

- Architected an end-to-end autonomous pipeline using Python and LangChain to generate, schedule, and publish high-engagement content on Instagram without manual intervention.
- Integrated multimodal AI agents to analyze trending topics, generate captions, and create visual assets via generative models, streamlining the content creation lifecycle.
- Implemented robust error handling and rate-limiting safeguards to interact reliably with the Instagram Graph API for seamless automated posting.

### Dating App for Professionals

Personal Project

Flutter, Firebase, AI

- Developed a secure, cross-platform dating application using Flutter, designed specifically for verified working professionals.
- Designed a scalable microservices architecture to handle real-time messaging via WebSockets and secure user verification workflows.
- Engineered AI-driven matchmaking algorithms that analyze professional trajectories and personality compatibility to provide highly relevant partner suggestions.