

Tirth Shah

tirthshah485@gmail.com | +91-7874720982 | linkedin.com/in/tirth2707 | github.com/tirth2707

Summary

Result-driven **Software Engineer** with 3 years of experience in **full-stack development** and **cloud-native solutions**. Google Certified Cloud Architect with proven expertise in **application modernization, scalable architectures**. Skilled in leading cross-functional teams, optimizing performance, and mentoring junior developers. Adept at **React.js, Angular.js, Node.js, and Google Cloud Platform (GCP)** to deliver enterprise-grade, secure, and cost-efficient applications.

Technologies

Programming Languages: TypeScript, JavaScript, Core Java, Python, HTML, CSS

Frameworks & Libraries: Angular.js, React.js, Express.js, Tailwind CSS

Cloud & DevOps: Google Cloud (GCP), Docker, Kubernetes, Locust

Experience

Senior Software Engineer, Searce – Ahmedabad

July 2024 – Present

- **Architected & delivered** a full-stack MEAN application for the largest telecom provider in the Philippines, ensuring seamless **integration with telecom infrastructure**.
- **Migrated** a large-scale MERN application from AWS to **Google Cloud (Pub/Sub & Cloud Functions)**, improving **performance, cost-efficiency, and infrastructure management**.
- Authored **engineering best practices** for linting, unit testing, branching, and reviews, improving unit test coverage and reducing SonarQube code smells by 30%.
- Mentored 2 junior developers through 20+ code reviews and design sessions, increasing their **delivery speed by 40%**.

Software Engineer, Searce – Ahmedabad

Jan 2022 – July 2024

- Built a **SaaS Accelerator Framework on GCP**, reducing deployment time from **2 weeks to 6 hours**. Used ReactJS, Redux, Node.js, Firestore, Terraform, Anthos and GKE
- Led a 5-member team to deliver a scalable **Angular-based news platform** for one of India's largest newspapers.
- Deployed synthetic **user load of 100K RPS** across 12 microservices using Locust & GKE, visualizing stability with Grafana.
- Developed Database Migration Accelerators, cutting PostgreSQL migration downtime from **12 hours to 2 hours**.

Education

Nirma University, Ahmedabad, B.Tech – Computer Science & Engineering

Jul 2018 – Jun 2022

- CGPA: 7.6/10

Achievements

- Research paper: "Anti-Spoofing-Enabled Contactless Attendance Monitoring System in the COVID-19 Pandemic" published in Elsevier.
- Secured 2nd position in Hackathon (Vanderbilt University) – \$1,200 prize.
- Ranked in Top 3% out of 30,000+ students during diploma exam.

Certifications

Google Cloud Professional Cloud Architect (2025)

Google Cloud Generative AI Leader (2025)

Google Cloud Associate Cloud Engineer (2024)