

UTTAM GOHIL

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PROFESSIONAL SUMMARY

Dedicated Software Engineer with hands-on experience building and shipping production microservices, APIs, and data pipelines. Comfortable owning features end-to-end – from PostgreSQL schema to Next.js frontend to Kubernetes deployment – with practical exposure to Docker, GitOps, and CI/CD.

WORK EXPERIENCE

Software Engineer

July 2025 – Present

SilverTouch Technologies Pvt. Ltd.

Ahmedabad, India

- Built and deployed **property management modules** (Next.js, PostgreSQL, Hasura GraphQL) handling **50000+ properties**, including rent scheduling with dynamic GST and penalty calculations.
- Designed a **configurable workflow engine** with multi-level (L1–L3) approvals and full audit trail tracking; migrated key features from monolith to **.NET microservices**.
- Built **user management** with post/role switching and **RBAC via Keycloak**, supporting **2500+ real-time users**.
- Integrated the **payment gateway** with automated receipts and real-time **Odoo accounting sync**, adding retry and reconciliation logic for failed transactions.
- Built an analytics **dashboard in Apache Superset**, feeding it from a **data warehouse** populated by **Apache Airflow** ETL pipelines, with **Fleet Agent + Kibana** for logging and metrics.
- Authored a **7-stage GitLab CI/CD pipeline** (SonarQube analysis, build, ArgoCD sync, K8s cluster verification, regression tests, cleanup) with **Dockerfiles** for automated, reliable deployments.

Software Engineer Trainee

Jan 2025 – June 2025

SilverTouch Technologies Pvt. Ltd.

Ahmedabad, India

- Implemented **Keycloak SSO authentication** for MyGov Maharashtra and IRFC HRMS, handling session management and role mapping for multiple users.
- Increased test coverage from 45% to 78% by writing unit tests in **JUnit and NUnit**, catching 15+ critical bugs before production.

Full Stack Intern

July 2024 – Dec 2024

Dehix - Decentralized Hiring Platform

Noida, India

- Developed **REST APIs** for product features, referral tracking, and interview scheduling with **Google Calendar API** integration for automated meeting creation.
- Implemented secure file uploads to **AWS S3** with presigned URLs, reducing server load by 40% and improving upload reliability.

PROJECTS

Internal Project | Next.js, Docker, Kubernetes, Helm, ArgoCD, Prometheus/Grafana, ELK

GitHub Repo

- Containerized a Next.js app with a multi-stage **Docker** build and deployed it to **Kubernetes** on Minikube using **Helm** charts.
- Set up **GitOps** with **ArgoCD** and a GitHub Actions CI/CD pipeline, using **Argo Rollouts** for zero-downtime Blue-Green deployments.
- Configured **Horizontal Pod Autoscaling** and **NGINX Ingress** rate limiting so the app scales under load and stays protected from abuse.
- Set up centralized logging with **Elasticsearch** and a **Kibana** dashboard, plus a **Prometheus + Grafana** stack to track pod health, CPU/memory usage, and restarts in real time.

EDUCATION

Gujarat Technological University - GEC Rajkot

2021 – 2025

Bachelor of Engineering in Computer Engineering

CGPA: 8.70

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, SQL, Python

Frameworks & Runtime: Next.js, Node.js, Express.js, .NET Web APIs

Databases: PostgreSQL, MySQL, MongoDB, CouchDB

Cloud & DevOps: Docker, Kubernetes, Helm, ArgoCD (GitOps), AWS (S3, EC2), GitLab CI/CD, Prometheus/Grafana, ELK

Soft Skills: Collaboration, Communication, Problem-Solving, Adaptability, Reliability