

Harsh Lakhara

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SKILLS

Languages & Frameworks: React, ReactNative, TypeScript, Node.js, Spring Boot, Java, Golang, HTML5, CSS

Cloud & DevOps: AWS, Azure, Docker, Kubernetes, Git, CI/CD

Databases & Messaging: MySQL, PostgreSQL, MongoDB, Redis, Azure EventHub

Testing & Automation: Jest, E2E Testing, Automated Pipelines, Webpack

Core Competencies: Full-Stack Development, Cross-functional Collaboration, AI Enabled Delivery, REST APIs, Extreme Programming, Design Patterns, SDLC, Secure Coding Practices, Offline first design, Test Driven Development

PROFESSIONAL EXPERIENCE

THOUGHTWORKS

Bengaluru, KA

Developer - Consultant

Dec 2024 - Present

- Developed backend services adhering to established team design patterns, leading to enhanced reusability and consistency across the system.
- Designed and optimized file processing tools using Node.js, Azure Blob Storage, EventHub, and AgendaJS, leveraging AI-assisted development to accelerate delivery, improve maintainability, and ensure robust testing and security.
- Optimized an existing ETL job, reducing its execution time from 9 hours to 1 hour and 15 minutes by leveraging Spring Batch and ensuring thread safety.
- Orchestrated end-to-end delivery by maintaining automated CI/CD pipelines for faster and secure deployments and Infrastructure as Code (Terraform) to provision Azure resources.
- Architected and refactored a React application to operate as both a secure embedded site and a standalone application; implemented robust authentication flows and secure embedding protocols to protect data integrity.

SIGNDESK

Bengaluru, KA

Associate Software Engineer

Jun 2022 - Nov 2024

- Led the migration of legacy frontend modules to a modern micro-frontend architecture using React/Angular and single-spa, enabling independent deployments and faster feature iteration.
- Architected and maintained a centralized Angular component library, standardizing UI patterns across multiple teams to accelerate development cycles and ensure design consistency.
- Leveraged React's security best practices alongside JWT and RSA encryption to build secure, privacy-first interfaces for digital documentation workflows.

FREELANCING PROJECTS

SURTI MOBILE APP

Feb 2024 - July 2024

- Architected and deployed a cross-platform mobile application using React Native to digitize and log daily industrial machine data.
- Collaborated closely with UI/UX designers to implement intuitive data-entry workflows and partnered with backend developers to integrate RESTful APIs for real-time data synchronization.
- Designed offline-first capabilities to ensure machine data was captured accurately in environments with intermittent connectivity.

ACHIEVEMENTS

Awards: Recognized as "Employee of the Quarter (Q1 2024)" for significant contributions to backend architecture and team productivity.

Open Source Contributions: Contributed to Angular CLI by finding and resolving critical bugs, enhancing community tooling.

EDUCATION

A D PATEL INSTITUTE OF TECHNOLOGY

Anand, GJ

Bachelor of Engineering, Mechanical Engineering (7.11 CGPA)

Aug 2016 - May 2020