

Harshvardhan Ojha

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Introduction

Creative Full Stack Engineer with a strong foundation in Java, Spring Boot, and Angular, passionate about building impactful digital products. I love turning ideas into reliable, user-centric applications and continuously improving code quality, performance, and design aesthetics.

Education

M.Sc Dhirubhai Ambani Institute of Information and Communication Technologies , Information Technology	July 2018 – June 2020
BCA Veer Narmad South Gujarat University , Computer Science	July 2015 – June 2018

Experience

Delta Air Lines , Senior Software Engineer	Bengaluru, India Sept 2023 – Present
<ul style="list-style-type: none">Engineered and scaled SNAPP (Single Network Application) used by airport agents in multiple US airport terminals.Enhanced Special Service Request (SSR) module improving request processing efficiency and UI responsiveness.Designed and implemented Microfrontend setup, enabling code reuse across CURB, Bagdrop, and Self-Service modules.Built real-time PNR view handling thousands of daily passenger check-ins per airport.Led security compliance and P2P audits, ensuring faster and compliant production releases.Designed and integrated asynchronous transaction logging via Web Workers to prevent UI thread blocking.Mentored 6 junior developers, improving delivery speed and Angular proficiency across the team.Assisted in cloud migration and modernization, converting legacy SOAP API to REST, and re-engineering CURB front-end.Implemented faster boarding process for GATE system and also assisted to integrate interview module for non-US travelers traveling to US.Integrated communication system between Gate agents using AWS Appsync for effective messaging and status sharing.	
Hashedin By Deloitte , Software Engineer - II	Bengaluru, India Aug 2023 – July 2021
<ul style="list-style-type: none">Led development of TalkQE Suite, a project management and test case tool used across teams for QA automation.Designed and delivered Demand Management module with dynamic analytics dashboards and user allocation logic.Developed an AI-powered test case prediction system mapping JIRA user stories to test cases — later productized as MVP.Implemented Custom Defined Fields (runtime-configurable forms) improving platform flexibility by 40Delivered multi-tenant architecture and integrated SSO (OAuth 2.0) for enterprise-grade scalability and security.Migrated application UI from Angular 7 → Angular 11, improving load performance	

and maintainability.

- Built backend services for Macy's Integration Layer, synchronizing real-time seller and product data between Bloomingdale's and Macy's ecosystems.
- Spearheaded Cric-For-All, leading frontend and backend design for a real-time cricket scoring and statistics platform.

Hashedin By Deloitte, Software Engineer

- Designed and developed Products and Orders modules for Azoti, enhancing order accuracy and UI experience.
- Played a key role in migrating Azoti from AngularJS → Angular 8, improving maintainability and user flow.
- Developed backend tracking microservices for FourKites, ensuring high-accuracy shipment visibility.
- Rewrote and optimized test suites for FourKites tracking module achieving 95

Bengaluru, India
Feb 2020 – July 2021

Projects

Digital Lessons - AI based lessons

- An AI based lesson generation app which will help kids to understand any topic.
- They can create lessons, explanation and quizzes easily accessible for anyone. Also allow sharing.
- Tools Used: React, Node, NextJs, TailwindCSS, SCSS, Supabase, Gemini

[Github](#) 
[Website](#) 

OpenPath - Community-Driven Roadmap Tool

- A web-based platform where users can collaboratively create, share, and review learning paths for various roles and experiences.
- Tools Used: React, Node, Express, TailwindCSS, SCSS, Supabase

[Github](#) 
[Website](#) 

Eduvsior - Community Discussion

- A web-based platform where users can start a discussion thread to discuss and collaborate to help others with queries
- Tools Used: Java, Spring Boot, JSP pages, Postgres

[Github](#) 

Technologies

Languages: JavaScript, Typescript, NodeJS, Java, OpenAI, Gemini

Technologies: Angular, React, Spring Boot, Express, Kafka, Pub/Sub

Database: Postgres, MySQL, SQL Server, Supabase, Redis, MongoDB

Domain: Airlines, Project Management Tools/Lifecycle, SaSS