



# HAMZA DANIYAL

## Lead Frontend Engineer

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Mandi Bahauddin, Pakistan

## EDUCATION

Bachelor's of Science in  
Computer Science

International Islamic University  
Islamabad

2022

F.Sc Pre- Engineering

Superior Group of Colleges M.B.Din  
2017

## SKILLS

- Angular 18, RxJS, NgRx (Store, Effects, Selectors), Signals, Standalone Components, Angular Material
- TypeScript, JavaScript (ES6+), HTML5, CSS3, SCSS/SASS
- Apache ECharts, Chart.js
- TalkJS, Twilio, Stripe, Firebase, 1Merchant

## About Me

Results-driven Lead Frontend Engineer with 4+ years of progressive experience architecting high-performance, reactive web applications using Angular 18, RxJS, NgRx, and Standalone Components. Proven track record of leading cross-functional engineering teams to deliver scalable, compliance-aligned platforms across healthcare, AI governance, and supply chain domains. Hands-on expert in integrating complex third-party ecosystems – including DoseSpot, Stripe, TalkJS, and Twilio – within production environments. Combines deep technical depth with strong leadership instincts, driving measurable performance improvements and engineering best practices in fast-paced Agile/Scrum environments.

## WORK EXPERIENCE

June 2022 – Present

Z-Axiss SMC Svt Ltd

### Lead Frontend Engineer

- Lead and mentor a team, conducting structured code reviews and facilitating sprint planning sessions to maintain delivery velocity within Agile/Scrum cycles.
- Drive all key frontend architecture decisions – including NgRx vs. service-based state patterns, module and folder structures, and visualization library selection (Chart.js vs. Apache ECharts) – aligning technical choices with performance and scalability goals.
- Spearheaded the migration of 15+ complex business reports (60+ real-time interactive graphs) from Looker Studio to a custom Angular 18 solution using Chart.js and Apache ECharts, delivering high-speed, real-time data visualization with significantly reduced rendering latency.
- Achieved measurable load-time and performance improvements on production applications through strategic implementation of lazy loading, route-level code splitting, and Angular change detection optimization.

- NgRx, RxJS Operators, Reactive Forms, Signal-based State
- Git, Google Cloud Build, JIRA, Agile/Scrum, Sprints
- HIPAA, SOC 2, GDPR, WCAG – Policy Controls & Enterprise Rules
- Micro-module Structure, Lazy Loading, Code Splitting, Change Detection Optimization

## LANGUAGE

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English

Urdu

Punjabi

- Led end-to-end frontend development of a full-scale Fleet Management System tracking 15+ commercial vehicles across the USA, integrating Google Maps API for real-time directions and route visualization, Firebase Realtime Database for live location streaming, and SSE/Polling for event-driven data feeds.
- Engineered key operational features, including heat maps for activity density analysis, a logistics scheduling calendar, real-time incident alerts, and a push notification system – delivering a production-grade command center for logistics and dispatch teams.
- Maintained a robust CI/CD pipeline via Google Cloud Build, ensuring consistent and automated deployments across all Angular projects.

## ACHIEVEMENTS

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- Successfully architected and shipped end-to-end frontend solutions for 5+ production platforms spanning healthcare, logistics, supply chain, and fintech – demonstrating exceptional cross-domain versatility and full-cycle ownership from architecture to deployment.
- Pioneered the adoption of cutting-edge Angular 18 capabilities – including Signals, Standalone Components, and modern NgRx patterns – positioning the engineering team at the forefront of frontend innovation and reducing boilerplate overhead across all active projects.

## REFERENCES

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- References will be available on request.