

AKSHIT

Senior Software Engineer

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SUMMARY

Senior Software Engineer, 3+ years scaling post-sales revenue systems across travel brands — high-load re-architecture, microservice and UI modernization, and reusable SDKs. Full stack: React/Next.js, TypeScript, .NET Core, Azure.

SKILL SUMMARY

Programming Languages: C, C++, JavaScript, TypeScript, C#, KQL

Frontend: React JS, Redux, Next JS, HTML, CSS3, Tailwind CSS, Bootstrap, ASP.NET Core Razor

Backend / DevOps: .NET Core MVC, .NET Core API / Microservices, Azure SQL, Redis, Azure, Kafka, Kubernetes

Tools & Other: Git, Postman, Swagger, Azure Blob, Azure App Insights, Selenium, Puppeteer

EXPERIENCE

FarePortal India Pvt. Ltd. *Gurgaon, India*

Post-sales revenue vertical — additional services (meals, lounges, insurance & 5 others) across 3 brands and 4 projects.

Senior Software Engineer (S3) *July 2026 – Present*

- **UI Modernization:** Led UI modernization across multiple applications and SDKs by migrating from Bootstrap to Tailwind CSS, streamlining developer workflows and delivering intuitive UX that boosted ticket add-on revenues (Insurance +504%, Travel Assist +165%, Baggage +55%)
- **SDK Consolidation:** Built reusable SDKs (TripADD, Seat-Map) removing ancillary-product code duplicated across pre-booking, post-booking, and email projects, packaging frequently updated third-party bundles into a single integration to ship new products faster.

Software Development Engineer (S2) *July 2023 – June 2026*

- **Screen-Capture Re-Architecture:** Re-architected a high-load screen-capture service (Selenium/Puppeteer + .NET) serving agent, support, and legal teams from a single request-based API to a queue-based model with a console consumer, handling ~10–12K daily requests (~40K screenshots) while cutting server pods from 30–50 to 7–14 and eliminating peak-load failures.
- **Payment Methods Integrations:** Integrated payment methods (Apple Pay / PAZE & Affirm) for flights, cars, and hotels, improving accessibility for 800+ daily bookings.
- **Cost & Architecture:** Migrated email services from MVC to .NET 8 on Kubernetes, cutting VM costs by \$10K/year.
- **Project Consolidation:** Merged two MVC projects into a React-based app with a new microservices backend, reducing redundancy and cutting response times from 3–4s to ~1.5s.
- **Revenue Growth:** Implemented six new ancillary services, increasing revenue per ticket.
- **Mentorship:** Trained and guided 4 interns, providing hands-on development experience and technical mentorship.

Software Development Intern *Oct 2022 – June 2023*

- **Microservice Architecture:** Designed and implemented a .NET 7 microservice architecture replacing slow MVC applications; developed and integrated 11 APIs into the new infrastructure.
- **System Upgrade:** Migrated the Additional Services system from WCF to REST API.

EDUCATION

Vellore Institute of Technology *Vellore, Tamil Nadu*

B. Tech in Computer Science and Engineering

ACHIEVEMENTS

- **Incredibles (Q1 2026, Q2 2025, Q1 2024):** Queue-based re-architecture of the screen-capture application; SDK integration work (TripADD, Seat-Map); Cross-company collaboration with Aspiration Inc., integrating carbon-offset service.
- **Incredibles SPOT R&R (Feb 2024, Jun 2023):** Migrated the Confirmation legacy project to React (~2s faster); delivered a microservice architecture at record speed.

ADDITIONAL

- **Mentorship:** Mentored 112 teams alongside 3 co-mentors at the IQOO Hackathon.
- **Leadership:** General Secretary (Board Member), Punjabi Literary Association at VIT — organized 15+ events with 200+ participants.
- **Certifications:** NASSCOM IT-ES (Azure Cloud Fundamentals), IIT-Madras Cyber Security Workshop, DSA Specialization (Coursera);
- **Academic:** KVPY Stage-1 (2018), interview call (AIR < 1500).
- **Hobbies:** Motorcycling, travelling, and geo-politics.