

Muhammad Ali Akbar

Full Stack Engineer

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SUMMARY:

Full Stack Software Engineer with 5+ years of experience building enterprise applications for the Aviation, FinTech, Healthcare, and Transportation industries. Specialized in JavaScript, TypeScript, React, Next.js, Node.js, and PHP, with experience collaborating with US and UAE product teams to deliver scalable web and mobile applications. Passionate about building high-quality software, solving complex business problems, and continuously learning modern technologies.

TECHNICAL SKILLS:

- **Frontend:** HTML, CSS, JavaScript, TypeScript, React, Vue.js, Next.js
- **Backend:** Node.js, Express.js, FastAPI, PHP, Laravel, REST APIs, SOAP APIs, WebSockets, Redis, Pub/Sub
- **Database:** MongoDB, MySQL, PostgreSQL
- **Mobile App:** React Native
- **Cloud & DevOps:** Linux, AWS, Azure, Docker, Git, CI/CD

EXPERIENCE:

Software Engineer - [AirSial](#) | Sep 2024 – Continue (**Onsite - Karachi**)

Building the Central Reservation Control (CRC), Frequent Flyer, and MIS portals for AirSial, supporting airline reservations, revenue management, and loyalty operations. Working closely with multiple departments to deliver new features and automate aviation operational workflows.

Software Engineer - [X9](#) | Jul 2023 – Sep 2024 (**Remotely Contract - Dubai**)

Developed a Broker CRM and mobile applications for Fintech products. Collaborated with remote teams to deliver backend services, automation tools, and business-critical features.

Software Developer - [SINA](#) | Feb 2023 – Dec 2023 (**Onsite - Karachi**)

Developed and maintained an Electronic Medical Records (EMR) System and Employee Self-Service (ESS) Portal, currently serving 50+ clinics. Managed legacy healthcare finance and donation systems while streamlining data workflows.

Software Developer Intern - [DTecherz](#) | Dec 2022 – Feb 2023 (**Onsite - Karachi**)

Translated Figma designs into responsive, high-quality web applications. Converted PHP and legacy WordPress applications into modern, performant web solutions. Contributed to multiple client projects, gaining strong full-stack development experience and delivering pixel-perfect user interfaces.

PROJECTS:

[AIRSIAL - CENTRAL RESERVATION CONTROL](#)

Enterprise Reservation Management System for AirSial, supporting reservation operations, flight operations, and revenue management workflows.

[AIRSIAL - FREQUENT FLYER](#)

Customer loyalty platform enabling membership management, rewards, and frequent flyer operations.

[FOOD ORDER APP BACKEND](#)

Production-ready food ordering backend featuring authentication, role-based access control, OTP verification, and dedicated Admin, Vendor, and Customer modules.

[ECOMMERCE BACKEND](#)

RESTful backend for an e-commerce platform with product management, authentication, order processing, and MongoDB integration.

[DROPBOX CLONE](#)

Full-stack cloud storage application supporting secure file uploads, authentication, folder management, and real-time file operations.

EDUCATION:

NED UNIVERSITY OF ENGINEERING & TECHNOLOGY | MS Computer Science & Information Technology 2026 - Present

NED UNIVERSITY OF ENGINEERING & TECHNOLOGY | BE Industrial Electronics 2019 - 2022