

# Ali Nassar

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## SUMMARY

Computer Science graduate and Full-Stack Software Engineer with hands-on experience from SE Factory, building scalable, maintainable, and user-focused applications. Passionate about turning ideas into real solutions, integrating best practices, SOLID principles, and AI-enhanced features to deliver meaningful impact. Known as a collaborative team player who enjoys problem-solving, planning, and adding value through both technical expertise and a growth-oriented mindset.

## EDUCATION

<b>SE Factory</b> Full-Stack Software Engineering Bootcamp	Beirut, Lebanon Jun 2025 – Sep 2025
<ul style="list-style-type: none"><li>Completed an intensive, hands-on program in modern full-stack development, covering React, Next.js, Node.js, NestJS, Laravel, Docker, CI/CD, and cloud deployment.</li><li>Built real-world projects with focus on scalability, teamwork, and industry best practices, demonstrating production-ready skills.</li></ul>	
<b>Lebanese International University LIU</b> Bachelor of Science in Computer Science - GPA: 3.77/4.00 - High Distinction	Bekaa, Rayak 2021 – 2024

## TECHNICAL SKILLS

<b>Programming Languages:</b> JavaScript (Advanced), PHP (Intermediate), Python (Intermediate), Dart (Beginner)
<b>Frontend &amp; Mobile Development:</b> React, Next.js, React Native, Flutter, HTML, CSS, Tailwind CSS, Bootstrap
<b>Backend &amp; APIs:</b> Node.js, NestJS, Laravel, Firebase, REST APIs, JWT Authentication, Swagger
<b>Databases &amp; Data Management:</b> MySQL, MongoDB, Firebase Firestore, PHPMyAdmin, SQL Server Management Studio (SSMS)
<b>AI &amp; Automation:</b> Gemini API, OpenAI API, RAG, embeddings, cosine similarity, AI agents, workflow automation with n8n
<b>DevOps, Tools &amp; Cloud:</b> Git, GitHub, Linear, Docker, Docker Compose, CI/CD (GitHub Actions), Postman, AWS, Vercel, Firebase Hosting
<b>Core CS Concepts:</b> Object-Oriented Programming (OOP), Data Structures & Algorithms (DSA), UML/ER Diagrams

## EXPERIENCE

<b>Full-Stack Software Engineer Trainee</b> SE Factory	June 2025 – Sep 2025 Beirut, Lebanon
<ul style="list-style-type: none"><li>Completed a full-time, intensive software engineering bootcamp, delivering production-ready web applications under tight deadlines and real-world conditions.</li><li>Built and deployed multiple full-stack projects using React, Laravel, Docker, and CI/CD, improving development efficiency and system reliability by 40%.</li><li>Served as both Team Leader and Ops Lead, managing Dockerized environments, ensuring seamless frontend &amp; backend integration, and coordinating workflows across a 5-member team to meet 100% of sprint deadlines.</li><li>Demonstrated fast learning by mastering and applying a completely new stack: Next.js, NestJS, MongoDB, and Mongoose within one month for the capstone project.</li><li>Applied learned principles in the Capstone Project - ConvoVerse, an AI-powered communication platform aggregating multi-platform messages into a single smart hub, integrating multi-agent systems, webhooks for real-time messaging, and n8n automation to summarize chats, extract actions, and reduce context-switching by 90%.</li><li>Enhanced collaboration, adaptability, and problem-solving through agile sprints, peer reviews, and team-driven project delivery, contributing to an overall 95% project completion success rate.</li></ul>	
<b>Software Development Intern</b> Integrated Technology Solutions (ITS)	June 2024 – Aug 2024 Lebanon, Remote
<ul style="list-style-type: none"><li>Developed a desktop application, reducing client workflow time by 30%.</li><li>Collaborated with a cross-functional team to design, implement, and apply features, improving app usability scores by 25%.</li><li>Contributed to all phases of the development lifecycle, from design to development, strengthening technical skills.</li></ul>	

# PROJECTS

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**ConvoVerse (Full-Stack Software Engineer Capstone Project)**

Aug 2025 – Sep 2025

AI-Powered Unified Communication Platform – GitHub Repo

NextJS, NestJS, MongoDB, n8n, Gemini API

- Built a unified inbox aggregating conversations from multiple platforms into a single interface.
- Developed an AI assistant using RAG with embeddings and cosine similarity to summarize threads, extract actions, and answer questions across platforms to improve workflow efficiency and reduce app-switching for users.
- Implemented webhooks to enable real-time sending and receiving of messages, ensuring instant updates across platforms.
- Designed automated workflows with n8n to synchronize external platforms and improve user workflow efficiency.

**TORRENT (Computer Science Senior Project)**

April 2024 – June 2024

Car Renting App

React Native, Firebase

- Developed a mobile app with Expo React Native and Firebase, supporting real-time database updates and user authentication.
- Enabled seamless interactions between renters, car owners, and rental companies on a shared platform.
- Implemented scheduled renting functionality, achieving 95% on-time booking fulfillment.

**Senior Gym**

Aug 2024 – Nov 2024

Training App for Trainers and Trainees

Flutter, PHP, MySQL

- Built an app allowing trainees to assign coaches who create personalized diet and workout plans.
- Integrated an exercise library with visual guidance to ensure proper form.
- Reduced trainee onboarding time by 40% through structured routines and daily planning.