

Education

Université Libanaise

Hadat, Lebanon

M.Sc. in Artificial Intelligence

2024 - 2026

Bachelor of Science in Computer Science

2021 - 2024

Relevant Coursework: ML, DL, Computer Vision, LLM, NLP, Data Structures and Algorithms, Design Patterns, Parallel programming, OOP, DBMS, Network Security.

Experience

Hanz Baustallen

Stuttgart, Germany

Software Engineer

Sep 2024 – present

- Designed and implemented an MCP server that bridges a REST backend with LLM clients, exposing 30+ tools, with request-scoped authentication so clients can query data in natural language.
- Implemented real-time speech-to-text over a WebSocket proxy (streaming STT provider) for low-latency live captioning.
- Built an agentic LLM extraction endpoint backed by the Anthropic Claude API that turns multilingual worker voice transcripts into schema-validated structured tasks, grounding the model with per-request customer context to resolve spoken references to real records.
- Developed a Next.js Web app for construction teams to manage projects, and invoicing.
- Built and shipped a cross-platform mobile app (Expo / React Native) for construction teams to manage daily reports and tasks on-site, owning the full release pipeline to both the iOS App Store and Google Play.
- Migrated Supabase storage buckets to AWS S3, reducing infrastructure costs and providing greater control over storage management, access policies, and scalability.
- Cut average request-handling time by 50%+ on Java/Spring backend services by implementing database-side stored procedures over ORM-layer logic.

Vanrise

Hazmieh, Beirut

Full-stack Developer Intern

Aug – Sept 2024

- Developed and maintained .NET web application focusing on efficiently using MVC architecture.
- Built a full-stack application using Angular, ADO.net, MS SQL, and Bootstrap.

Certifications

Certified AWS Cloud Practitioner • Advanced MCP (Anthropic) • CS50 • AI for Business (MinnaLearn) • DELF

Skills

- Programming: C, C#, Python, JavaScript, Java, Kotlin, PHP, SQL, NoSQL, JavaScript, HTML and CSS.
- Frameworks: Next JS, Express JS, Angular JS, ASP .NET MVC and Web API, TailwindCSS, Bootstrap, Expo, and React Native, supabase, Prisma, Drizzle, Auth.js.
- Libraries: Reactjs, Shadcn, JavaFX, Material UI, Ktor, JWT, apache POI, and JUnit.
- Developer Tools: Git, Github, Postman, Swagger, VS Code, Visual Studio, IntelliJ, Cursor and MCP Inspector.
- AI: Claude, Gemini, LangGraph, LLM, and agentic-workflows.