

# Ali Al Rida Haidar

Software Engineer | AI Engineer | Data Analyst

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## Profile

A highly versatile and results-driven professional specializing in **Software Engineering, AI Development**, and **Data Analytics**. Proven expertise in building scalable and high-performance applications using **Java Spring Boot, MERN Stack**, and modern AI technologies. Proficient in leveraging **Object-Oriented Programming (OOP)** principles, modern backend technologies (**Redis, Docker, databases**), and a strong foundation in data visualization and business intelligence. Passionate about continuous learning and delivering robust, data-informed solutions.

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## Technical Skills

**Programming Languages:** TypeScript, JavaScript, Python, Java, Node.js, Spring Boot  
**Frontend:** React.js, Redux, HTML, CSS, SCSS **Backend & Databases:** PostgreSQL, MongoDB, Firebase, Redis, SQL **DevOps & Tools:** Docker, GitHub, GitLab, Jira, Linux **AI & ML:** LangChain, LLM models, NLP, Machine Learning, prompt engineering **Data Analytics & BI:** Power BI, Tableau, Advanced SQL, Excel, Data Modeling, ETL Processes **Software Methodologies:** Object-Oriented Programming (OOP), SOLID principles, Agile, Scrum, Version Control **Testing:** JUnit, Mockito (unit testing, continuous integration)

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## Professional Experience

### Senior Software Engineer | Elēkron Ventures

(04/2025 – Present)

- Led backend and full-stack development using **AWS, Docker, React.js, TypeScript, NestJS**, and **MongoDB** for enterprise solutions.
- Architected scalable, cloud-native and hybrid solutions, **ensuring high availability and peak performance** for enterprise clients.
- Championed best practices in **DevOps** and **CI/CD**, **significantly streamlining deployment processes**.

- Collaborated cross-functionally to deliver innovative **AI-powered products**.

## Software Engineer (Promoted from Full-Stack Engineer) | Risk Control

*(10/2023 – 04/2025)*

- Applied **Object-Oriented Programming (OOP)** to refactor backend systems with **Java Spring Boot**, improving code reusability and scalability.
- Integrated **Redis** for caching and real-time data processing, **enhancing application performance** for critical features.
- Deployed microservices architecture using **Docker**, **reducing environment setup time** and improving system resilience.
- Developed scalable backend services using **Spring Boot** and **PostgreSQL**.
- **Successfully optimized code quality**, resulting in a **reduction in production bugs**.

## Full Stack Web and AI Developer | Zyllo.io

*(03/2024 – Present)*

- Developed, tested, and deployed scalable full-stack web applications using **FastAPI**, **React.js**, and **MongoDB**.
- Designed and implemented **RESTful APIs**, ensuring robust frontend-backend integration.
- **Optimized application performance**, significantly reducing response times and improving user experience.
- Integrated **AI models and agents** into products, **automating key functionalities** and enhancing user experience.
- Maintained clean, scalable, and well-documented code, adhering to industry best practices.
- Resolved complex software issues, **ensuring system security and long-term scalability**.
- Collaborated with product, data science, and engineering teams to deliver high-performance solutions.
- Participated in code reviews and agile development processes to drive continuous improvement.

## AI Engineer | Freelance

*(12/2023 – 03/2024)*

- Built AI-powered chatbots using **LangChain**, **Gemini API**, and **LLM models** for NGO initiatives focused on online learning.
- Implemented **NLP techniques** and **machine learning algorithms** to process and analyze large datasets.

## Freelance Software Developer & Data Analyst

*(10/2024 – Present)*

- **Data Analytics:** Leveraged **Power BI** and **Tableau** to create interactive dashboards, **translating complex datasets into actionable business insights** for clients.
- **Database Expertise:** Optimized **Advanced SQL queries** for **ETL processes**, ensuring **data integrity and peak performance**.
- **Full-Stack Development:** Built robust full-stack applications using **TypeScript**, **tRPC**, **Redux**, **React.js**, and **Node.js**.
- Delivered high-quality software and data solutions to international clients.

## Freelance Software Developer

*(12/2021 – 10/2023)*

- Crafted dynamic web solutions from conception to deployment, specializing in **JavaScript** and its frameworks.
- Focused on creating responsive and robust applications with clean, maintainable code.
- Managed project lifecycles, including ongoing support and maintenance.
- **Successfully optimized applications** for maximum speed, scalability, and future expansion.
- Ensured timely delivery while exceeding client expectations.

## Frontend Developer Intern | Monty Mobile

*(01/2023 – 04/2023)*

- Contributed to frontend development using **React.js**, **JavaScript**, **SCSS**, and UI/UX design principles.
- Utilized **Jira** & **GitLab** for project tracking and version control.

## Frontend Developer & UI/UX Designer | OUREASYGAME

*(04/2023 – 10/2023)*

- Designed and developed responsive interfaces using **React.js** and **Figma**.

- Ensured cross-browser compatibility and optimal user experience.

## Private Tutor (Mathematics, Physics, & Programming)

*(09/2018 – 01/2023)*

- Provided tutoring in data structures, algorithms, and software development.
  - Helped students excel in university-level programming courses.
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## Projects & Leadership

### Co-Founder & Tech Lead – Meyraki INSIGHT

*(2024 – Present)*

- Co-founded Meyraki INSIGHT, an **AI-powered spatial intelligence platform** utilizing advanced **machine learning** and **computer vision**.
  - Developed **AI agents** that analyze floor plans, predict spatial usage, and recommend design improvements.
  - Led end-to-end development across backend, frontend, AI model integration, computer vision, and machine learning pipelines.
  - Spearheaded the platform's entry to the Future Hospitality Summit (FHS) Riyadh, selected as a **Top 5 Finalist**.
  - Managed cross-functional collaboration to deliver enterprise-ready solutions.
  - Championed technical strategy, code standards, and **DevOps automation** facilitating scalable deployments.
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## Education

**Lebanese University** Bachelor's Degree in Computer Science *(2019 – 2023)*

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## Certifications

- Learn LangChain: Build LLM Applications with LangChain – Udemy (Feb 2024)
- LangChain for LLM Application Development – DeepLearning.AI (Jan 2024)
- ML Observability Fundamentals – Arize AI (Jan 2023)
- Back End Development and APIs – freeCodeCamp (Spring Boot)

- Complete NodeJS Developer – Zero To Mastery Academy
- Cybersecurity Essentials – Cisco
- Front End Development Libraries – freeCodeCamp (TypeScript)
- React + Redux – SoloLearn
- React – The Complete Guide – Academind
- Ultimate Java Mastery Series – Code With Mosh
- Ultimate JavaScript Series – Code With Mosh
- Networking Essentials – Cisco