

Hussein Raad

Software Engineering Team Lead / Full-Stack & Mobile Developer

Contact

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Professional Summary

Experienced software engineering team lead with more than **three years of hands-on experience** building web, mobile, cloud and automation products. I design and deliver **scalable, secure and cost-effective systems** that serve thousands of users, while **leading teams across different areas** and time zones. My work spans **Java, TypeScript/JavaScript, Dart and SQL**, and I have strong experience with **AWS services, supabase, Railway, NestJS, Next.js, Flutter, Redis and n8n**. I enjoy **system design, SOLID principles, devops and prompt engineering**, and I use modern AI tools to speed up development without compromising quality. Remote collaboration, clear communication and mentoring junior engineers are core to my leadership style.

Key Skills

Programming Languages & Frameworks

- **Languages:** Java, TypeScript/JavaScript, Python, Dart, SQL, C#
- **Web & Backend:** Next.js, NestJS, Express, Node.js, FastAPI, Django, MVC, ASP.NET, .NET Core, AWS Lambda/API Gateway

- **Mobile:** Flutter (MVVM, Riverpod, Dio, GetIt), Firebase / FCM, React Native (basics), WebSockets
- **DevOps & Cloud:** AWS (EC2, VPC, S3, RDS, DynamoDB, SES, SQS, Cognito, Amplify, CloudWatch), CDK, Supabase, Railway, Vercel, Docker, n8n
- **Databases & Storage:** PostgreSQL, DynamoDB, Supabase DB, Redis, MySQL
- **Automation & AI:** n8n, Twilio, GitHub Actions, Claude, prompt engineering
- **Other Tools:** Jira/ClickUp, Git/GitHub, Load balancers, CI/CD pipelines, Security best practices, UI/UX and responsive design

Leadership & Process

- Leading remote teams of three to five developers
- System design and documentation
- Code reviews, mentoring and technical interviews
- Working with product, design and other stakeholders
- Planning roadmaps, identifying risks and allocating resources

Work Experience

Team Lead & Full-Stack Developer at Ready Loans (Canada, Remote)

2024 - Present

- Led a remote team of three engineers to design and build a lead distribution platform and CRM system from the ground up.
- Built microservices using Java and AWS; designed data models for DynamoDB and PostgreSQL, and integrated OpenSearch for real-time analytics.
- Handled the architecture and DevOps setup using AWS CDK, including VPCs, IAM, S3, SQS, SES, Cognito and monitoring with CloudWatch.
- Designed an AI-based automation system combining EC2, Lambda, n8n workflows, Twilio, Redis and RDS to automate lead routing and communication.
- Improved lead assignment and reduced manual work by introducing asynchronous processing and scalable infrastructure.

Part-Time Team Lead at Skillement (Remote)

Jan 2026 - Present

- Lead developer for the Skillement Aivros platform, a Canadian ed-tech startup. Responsible for full-stack architecture, feature planning, code reviews and mentoring junior engineers.
- Managed sprint planning, helped teammates and coordinated with product and design to deliver a minimum viable product.
- Delivered a full redesign of the Aivros system, improving performance and user experience.
- Developed responsive landing pages and integrated marketing analytics to support product launches.

Full-Stack & Mobile Developer (Part-Time) at NuWatt (Lebanon, Remote)

Apr 2025 - Present

- Built the NuWatt mobile application using Flutter (MVVM, Riverpod, Dio, GetIt) with localization and push notifications (FCM). Released the initial versions for Android and iOS.
- Designed and built the NuWatt landing page and installer portal using Next.js, NestJS, Tailwind CSS, PostgreSQL and AWS.
- Expanded the product from a mobile-only presence to a full-stack web and mobile platform, which improved customer engagement and streamlined installer onboarding.
- Worked on an AI-powered monitoring and management system for solar installations and a central app.

Freelance Software Engineer - Side Projects with a University Doctor & Local Clients

2025 - Present

- Worked with a university doctor to deliver two projects, handling frontend, backend, mobile development and deployment.
- Built a citizen management application for a local municipality, enabling residents to request documents, pay fees, report issues and receive status updates. Used Next.js, Supabase, AWS and Flutter, and managed infrastructure on Vercel and Railway.

- Developed several small business projects and prototypes, using NestJS, Supabase, Redis and load balancers to ensure scalability and security.

Founder & Developer - LeadCreditPro.com & ScamsChecker.co

2024 - Present

- Created and launched LeadCreditPro.com, a SaaS platform for credit lead management. Built backend services, a responsive web UI and authentication using Next.js, NestJS, Stripe and AWS.
- Built ScamsChecker.co, a tool for users to verify the legitimacy of online offers and messages. Integrated real-time data sources, machine-learning models and a fast API to deliver instant results.
- Handled all aspects of product development, including system design, security, database modeling and deployment.

Projects & Notable Contributions

- **AI-Driven Lead Distribution System (Ready Loans):** Built a routing engine using AI scoring algorithms to assign leads to the right agents. Automated notifications through Twilio and n8n, reducing response time and improving conversion rates.
- **Skillement Aivros Platform:** Implemented core functionality and redesigned the UI/UX for an ed-tech platform, enabling interactive course delivery and analytics.
- **NuWatt Installer Portal:** Created a secure web portal for installers to manage solar installations, submit documentation and track project status. Integrated authentication, file uploads and real-time dashboards.
- **Municipality Management System:** Developed a full-stack solution for local government to handle citizen services, fees and communications. Included role-based access control, data analytics and responsive mobile support.

Education

- **Ecole 42 - Core Program** - BDD Beirut (Completed Aug 2025)
- **Bachelor of Science in Computer Science** - Al Maaref University (MU), Jul 2024, Honours (GPA 3.2/4)

Certifications & Additional Qualifications

- **The Complete Java Game Development Course** (Completed)
- **CodeClash** - Programming competition participant
- **Professional Training in AWS & Cloud Services** (self-directed)
- **Prompt Engineering & AI for Developers** (self-directed)
- **Google Machine Learning Crash Course** (present)

Languages

- **English:** Full professional proficiency
- **Arabic:** Native / bilingual

Soft Skills

- Analytical thinking and problem solving
- Strong communication and mentoring abilities
- Remote collaboration and cultural awareness
- Adaptability, time management and continuous learning