

# Ibrahim Abdinur

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## SUMMARY

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- Master of computer Science student at University of Illinois Urbana-Champaign with 2+ yrs of hands-on engineering experience building and supporting enterprise cloud based applications systems, microservices, REST APIs, data pipelines and CI/CD workflows.
- Strong experienced in Microsoft SQL server and PostgreSQL, including scheme design, store procedures, indexing, performance tuning and data quality checks to support reporting, analytics and operational workloads.
- Skilled in debugging production environments, optimizing SQL queries, data models, automated tests and contributing to agile teams to solve complex problems and build reliable, clean, scalable software

## EDUCATION

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<b>2025 – 2027</b>	<b>University of Illinois Urbana-Champaign</b> Master of Computer Science
<b>2014 – 2018</b>	<b>University College London</b> MEng in Chemical Engineering

## TECHNICAL SKILLS

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<b>Languages</b>	C#, Java, SQL, JavaScript, HTML5, CSS
<b>Frameworks &amp; Libraries</b>	ASP.NET, LINQ, Entity Framework, EF Core, ADO.NET, Spring, Spring Boot, React, RESTful Web APIs, Microservices
<b>Database</b>	SQL Server, PostgreSQL, Stored Procedures, Indexes, Temp Tables, Relational database design and performance tuning
<b>Design / Architecture</b>	Singleton, Model-View-Controller, layered applications, and microservice architecture
<b>Cloud &amp; DevOps</b>	Azure App Services, SQL Azure, Azure Functions, AWS, ECS, Docker/Containers, CI/CD pipelines, DevOps practices
<b>Testing &amp; Debugging</b>	Postman, Swagger, TDD with NUnit, xUnit, JUnit, Mockito, SQL Server Profiler, API and integration testing
<b>Builds &amp; Configuration</b>	JDK, Spring Boot tooling, Maven, Jib, XML and YAML configuration (POM, application configs)
<b>Version Control</b>	GitHub, GitLab, TFS, SVN, TeamCity, JIRA, Slack
<b>Systems &amp; Tools</b>	Windows, Linux, Mac, Terminal, IntelliJ, Visual Studios

## PROFESSIONAL EXPERIENCES

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**Jun 24**      **Founder & Chief Engineer** | Hantile, Urbana, Illinois  
**/Pres.**

- Designed and implemented a modular CRM and marketplace system tailored for real estate sales and short stay/hotel lettings.
- Built Java Spring Boot services and repositories to provide consistent data access, wrote complex SQL queries and views, and used Flyway migrations to manage schema changes and metadata over time
- Implemented Spring Security for authentication and role-based access control.
- Developed data pipelines and integrations between internal systems and external property portals through REST APIs and file based imports, keeping data in sync and traceable Created custom repository interfaces and utilized Flyway for database migrations, maintaining rigorous version control and schema integrity.
- Implemented logging and monitoring around critical data jobs and APIs, and resolved data integrity issues by analyzing query plans and correcting upstream transformations.
- Containerized services with Docker, used GitHub Actions for CI/CD, and deployed to AWS Beanstalk and EC2, documenting deployment and rollback procedures for repeatable operations.

**Sep 23**      **Software & Development Support Engineer** | Foxtons, London, U.K  
**/Jun 24**

- Developed and supported enterprise HR, property management, and financial systems using C#, ASP.NET, SQL Server, MVC, and REST APIs.
- Improved code quality and system performance by refactoring legacy projects, optimizing SQL queries, and reducing redundancy.

- Migrated workflows from TFS to GitHub, strengthening CI/CD pipelines and deployment reliability. Performed system testing, troubleshooting, and bug resolution in a fast-paced production environment; managed 100+ weekly technical inquiries.
- Participated in Agile Scrum ceremonies, collaborated with stakeholders, and translated requirements into actionable technical tasks.
- Built and maintained mobile-friendly CRM tools and microservices following TDD principles and industry best practices.

## **PROJECTS**

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### **Car Booking System (Java)**

- Command-line API for managing car bookings systems with clear separation between data model, persistence, and business logic, including validation and simple reporting queries.

### **Financial Transaction Tracker (Java)**

- Built a transaction tracking tool that persists data, summarizes balances, and produces simple analytics over time using in memory and file based storage.

### **Full-Stack Blog (Java)**

- Developed a small blog platform with user authentication and CRUD operations, focusing on clean database design, API endpoints, and a responsive frontend.

## **CERTIFICATIONS**

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**Java Masterclass Certificate**, Amigoscode (Aug 2024)

**Meta Back-End Developer Professional Certificate**, Meta (Aug 2023)

**Accelerated Computer Science Fundamentals**, University of Illinois (Jul 2023)

## **ADDITIONAL INFORMATION**

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- Permanent U.S Resident / Green Card Holder
- Valid driver's license