Ibrahim Abdinur

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SUMMARY

Master of Computer Science candidate at UIUC with 2+ years of experience building and supporting enterprise cloud applications, microservices, data pipelines, and CI/CD workflows, delivering features to millions of users. Specializes in full stack development and architecting microservice systems, including secure REST APIs, integrations, and reliable production workflows. Strong backend foundation in Java and C# with deep SQL Server and PostgreSQL expertise across schema design, query tuning, and performance optimization.

EDUCATION

University of Illinois Urbana-Champaign   **May 2027**
Master of Computer Science, Data Science

University College London   **July 2018**
Master of Engineering, Chemical

TECHNICAL SKILLS

Languages	Java, C#, SQL, JavaScript, TypeScript, HTML5, CSS
Frameworks & Libraries	ASP.NET, LINQ, Entity Framework, EF Core, ADO.NET, Spring, Spring Boot, React, REST APIs, Microservices
Databases	SQL Server, PostgreSQL, stored procedures, indexes, temp tables, performance tuning
Design / Architecture	Singleton, Model-View-Controller, layered applications, and microservice architecture
Cloud & DevOps	AWS, EC2, ECS, Azure App Services, SQL Azure, Azure Functions, Docker, Kubernetes, CI/CD pipelines, DevOps practices
Testing	Postman, Swagger, TDD with NUnit, xUnit, JUnit, Mockito, SQL Server Profiler and integration testing
Builds & Tools	Maven, Jib, JDK, XML, YAML, GitHub, GitLab, TFS, TeamCity, Jira, Windows, Linux, Mac, IntelliJ, Visual Studio

PROFESSIONAL EXPERIENCES

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

- Designed and implemented a modular CRM and marketplace system tailored for real estate sales and short stay 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 /Jun 24   **Software & Development Support Engineer** | Foxtons, London, U.K

- 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.

ADDITIONAL INFORMATION

Certifications: AWS Certified Cloud Practitioner, Meta Back-End Developer, Amigoscode Java Masterclass
Personal Projects: Software Engineering Blog
Interests: Football, Hiking, Art, Music, Readng