Jimmy Dogukan Kahraman - Software Developer

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Summary: Fullstack Developer with 5+ years of experience designing and developing scalable applications, specializing in the .NET ecosystem, RESTful APIs, and modern JavaScript frameworks (React). Experienced in cloud platforms (Azure, AWS), and DevOps principles, including CI/CD automation with GitHub Actions. Adept at working in Agile environments, collaborating with cross-functional teams, and delivering high-quality software solutions using emerging technologies like Blazor, containerization, and cloud-based deployments. Passionate about building robust IT solutions that enhance business operations and user experiences.

Skills:

Programming Languages: C#, Python, JavaScript/TypeScript, Java, SQL

Frameworks & Libraries: .NET Core, React, Entity Framework, Blazor

Databases: SQL Server, PostgreSQL, MongoDB, Firebase

DevOps & Cloud: Docker, Azure App Services, AWS Lambda, GitHub Actions

APIs & Web Services: RESTful APIs, WebSockets, OAuth2, Firebase Auth

Development Practices: Agile (Scrum, Kanban), Test-Driven Development (TDD), CI/CD, Design Patterns

Professional Experience

Software Developer, Computer Science Teacher at SC Vocational High School *September 2019 - May 2023*

- Developed and maintained **secure, scalable** web applications using **.NET Core, and SQL Server**, optimizing performance and security for student record management.

- Built and integrated **RESTful APIs** to support seamless data exchange between services, **reducing system response times by 40%**.

- Led cloud-based application deployments on **Azure App Services**, implementing **CI/CD pipelines with GitHub Actions**, enhancing deployment efficiency.

- Applied **Agile methodologies (Scrum)** to streamline development workflows and ensure delivery of high-quality features.

Software Developer, Computer Science Teacher at TED Schools *September 2018 - September 2019*

- Maintained a web-based content management system in C# and SQL Server, improving system usability by 35%.

- Conducted 100+ sessions on visual coding (Scratch) and computer systems, using interactive teaching methods to increase student engagement. Improved students' coding comprehension by 20% based on class assessments.

- Implemented hands-on coding exercises using Robotic Kits, designed to enhance coding proficiency. Increased students' ability to solve coding problems independently, improving average test scores by 15%.

System Support Specialist at PepsiCo *December 2014 - December 2015*

- **Optimized SQL queries** in Oracle PL/SQL, reducing database query execution time by **30%**.

- **Troubleshooted enterprise ERP system issues**, ensuring **99.9% uptime** in a high-traffic production environment.

- **Collaborated with cross-functional teams** to enhance system performance, resolving critical software bugs.

Projects

RentMinder:

- Designed a multi-tenant enterprise SaaS application using C# (.NET Web API), React, Entity Framework, and PostgreSQL.
- Leveraged Firebase Authentication to integrate third-party identity providers, allowing users to authenticate with their preferred social media accounts.
- Implemented multi-threading and caching mechanisms to improve system responsiveness by 50%.
- Built CI/CD pipelines with GitHub Actions and AWS Lambda, automating deployments and reducing downtime.

Footwear:

- Architected and implemented a high-performance e-commerce system using C# (.NET Web API), Entity Framework, and SQL Server.
- Applied multi-threaded processing to handle concurrent transactions, ensuring scalability and reliability under heavy load.
- Integrated RESTful APIs with OAuth2 authentication for secure transactions.
- Optimized query execution and caching strategies, reducing database latency by 25%

Revently:

- Built an event management system utilizing React, TypeScript, Firebase (NoSQL), and secure API integrations.
- Focused on system scalability to accommodate a growing number of events and users.
- Implemented real-time event updates and messaging using Firebase to ensure users have the latest information.

. Login Credentials: test@test.com password test123

Education

Douglas College, Post Degree Diploma Information and Communication Technologies *May 2023 - Jun 2024*
GPA 3.70, Dean's List and **$1200 Award**

Karadeniz Technical University, Bachelor's Degree in Computer Engineering

Pamukkale University, Bachelor's Degree in Computer Systems Education

Accomplishments: Certificate of Appreciation - Municipal Government

Received three times from the Municipal Government for exceptional dedication and hard work during COVID-19. Acknowledged for going above and beyond in contributing to the community and maintaining a high level of commitment.

Volunteering

Municipality Youth Program *February 2022 - March 2022*

Volunteered as a coding instructor for a youth program organized by the municipality, contributing to the development and education of young learners. Key responsibilities included:

- Conducting engaging and informative coding lessons to introduce young participants to programming fundamentals.
- Providing hands-on guidance and support to foster a creative and practical understanding of coding concepts.
- Contributing to the enrichment of the youth program by sharing knowledge and promoting interest in technology and computer science.