

Dogukan Kahraman

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Skills: C#, Java, Python, JavaScript, Typescript, SQL, MongoDB, .Net, Entity Framework, React, Flask, Git, Docker, Redux, Node, Express, Firebase, SQL Server, Oracle PL/SQL, Backend, Frontend, API, Rest, Agile (SCRUM, Kanban), CI/CD, DevOps principles

Professional Experience

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

- Developed a web application using C#, .Net, and SQL Server to track student attendance. Integrated SMS notification via 3rd party API, enabling digital attendance and reducing student absence rate by 50%.
- Developed a web application using Python, Flask, and Jinja to track student assignments during COVID-19. Enabled teachers to create assignments and monitor completions via student-uploaded images, resulting in a 30% improvement in assignment completion rates.
- Designed and delivered engaging lessons on Python, C#, and JavaScript, incorporating hands-on projects and real-world applications, improving average test scores by 15%.
- Managed and maintained the school's website using HTML, CSS, and JavaScript, improving load times by 20%.
- Led over 20 hands-on projects in robotics and system maintenance, resulting in a 40% improvement in student project completion rates helping them improve analytical skills with an ability to learn new concepts quickly.
- Introduced Agile and Scrum methodologies, facilitating 5 student-led software development projects that met 100% of their deadlines.

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

- Developed and managed the school's website, integrating dynamic event updates, which increased user engagement 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*

- Delivered support as part of the team to over 500 end-users, resolving 100% of issues related to internal software applications thereby clearing the ticket backlog.
- Troubleshoot and resolved complex database issues using SQL queries in Oracle PL/SQL, leading to a 30% reduction in critical errors while maintaining high-security standards.
- Provided comprehensive support for Oracle ERP systems in the fast-paced food manufacturing industry. Ensured continuous system uptime by conducting routine system checks, software updates, and troubleshooting, resulting in a 15% reduction in system downtime.
- Administered over 500 user accounts and data access permissions, ensuring 100% compliance with security protocols.
- Collaborated with cross-functional teams, including Product and Business units, to streamline processes, resulting increase in operational efficiency.

Education

Douglas College, Post Degree Diploma Information and Communication Technologies *May 2023 - May 2024*
GPA 3.70, Deans List and \$1200 Award

KTU, Bachelor's Degree in Computer Engineering, **3.33 GPA**

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.