Cem Bazarbasi

Full Stack Developer / Software Quality Operations

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Experienced in Java back-end development, particularly in engineering robust solutions using Spring Boot and Spring Security. Proficient in Angular for crafting dynamic user interfaces, with a keen focus on the engineering aspects of scalability and security in web applications. Skilled in developing RESTful APIs and seamlessly integrating them with databases to ensure efficient and reliable systems. Committed to staying abreast of technology trends, I bring a dedication to applying sound engineering principles to create innovative full-stack solutions.

Education

Bootcamp: Full Stack Developer, Software Engineering
Caltech - Pasadena, CA
2023

BS in Mechanical Engineering
Cukurova University - Adana, TURKEY
2018

Certifications

Full Stack Developer, Software Engineer
Caltech Coding Bootcamp, Issued 2023

Certificate of Recognition by Google
Google, Issued 2023

Languages

Bilingual in English and Turkish

Qualifications Summary

- *Development: Crafts innovative features, optimizes code, and ensures seamless application functionality.*

- *Testing and Verification*: Triage software issues with user tools, simulation issues, and JIRA.

- *Technical Skills include* Java, Spring Boot, JavaScript, Angular, Eclipse, VirtualStudio, Junit5, JIRA, HTML, CSS, MySQL, MongoDB, CATIA V5, AutoCAD, Photoshop and Lightroom.

Career Experience

Waymo by Cognizant, Mountain View, CA   **August 2023 – Current**
EngOps Software Quality Operations Associate

Drive robust software quality and performance testing of autonomous vehicle systems, ensuring their safe and reliable performance as they become increasingly prevalent. Conduct rigorous scenario creation and testing, defining critical key performance indicators (KPIs) for assessment, and vigilantly tracking any regressions in behavior. Seamlessly collaborates with software engineers to strategize and implement simulation tests, guaranteeing exhaustive test coverage for autonomous vehicles.

Waymo By Artech L.L.C., Mountain View, CA   **June 2022 – August 2023**
Sr. EngOps Software Quality Operations Associate

Engaged in scenario creation and rigorous testing to enhance the performance of autonomous vehicles, leading to behavioral improvements. Worked closely with software engineers to develop simulation tests and ensure comprehensive coverage for autonomous vehicle testing.

Refiz Refractory, Istanbul, Turkey   **February 2017 – May 2020**
Field Engineer/Site Manager

CAD specialist tasked with creating models and drawings for scaffolding and brick designs utilizing CATIA V5 and AutoCAD. Directed maintenance and programming of a CNC wire bending/forming machine utilized in refractory anchor production, overseeing intricate shapes that typically necessitated secondary operations such as welding, heading, threading, chamfering, punching, piercing, and more.

- Multitasking on design, engineering and manufacturing leadership returned a product rollout time reduction of 33%.

Polyar Steel Construction, Adana, Turkey   **August 2014 – August 2015**
Manufacturing Engineer (Intern)
Oversaw the design and verification processes for Machining process, mounting of dam pipes, pipe bending, production of wind turbines, tracking progress on drawings and correcting issues using AutoCAD.