Burhan Tuerker

Software Engineer

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I am primarily interested in enterprise web applications, and greatly value writing well structured, highly maintainable code. I'm always challenging myself to expand my skill set as I become a software craftsman.

Technical Stack: Ruby, Javascript (ES5/ES6), Ruby on Rails, RSpec, Jest, React, Node, Bootstrap, SQL

EXPERIENCE

Remote, Support Engineer
Microverse Inc.
August 2019, October 2019

- Created 20+ unique guideline articles on topics in algorithm design and analysis, which doubled student solve rates.
- Experienced asynchronous remote workflow in multiple time zones.
- Assisted junior developers with questions regarding troublesome algorithms and data structures by analyzing both the Microverse curriculum and their individual knowledge.

Software Engineer Intern
Azimech Software R&D
September 2018 - October 2018

- Successfully implemented microservices architecture with fully isolated services by three different languages and database providers.
- Used .NET core/MSSQL, Spring Boot/MySQL, and Express.js/MongoDB development stacks to provide multi-language CRUD intensive RESTful endpoints.
- Used Netflix's open-source cloud solutions to establish service-to-service communication.
- Composed each application to run as a single application with docker.

Software Engineer Intern
Piton Software R&D
May 2018 - July 2018

- Full-stack development using Node, Express, Angular, and MongoDB.
- Researched and documented comparisons between non-blocking & blocking architecture with code examples and analogies.
- Independently led the back-end role in a project for managing IoT devices from a web application, which used RESTful architecture to provide clean endpoints to the front-end team.
- Implemented a side project at the request of the supervisor engineer which reported incidents from defined services by making HTTP calls at specific intervals.

EDUCATION

Remote, Microverse Inc.
Software Development Program
January 2019- August 2019

- Interacted with students from all around the world.
- Used Ruby, Ruby on Rails, Javascript, React, and Redux.
- Spent 100+ hours on core data structures & algorithms.
- Built 20+ projects with a remote-first pair-programming approach.

Dumlupinar University
BSc. CSE
2013-2018

- Relevant coursework: Design Patterns, Web Application Development, Object-Oriented Programming, Scripting Languages, Software Engineering

AWARDS

Contest
Hackathones 2018
28-29 April 2018

- Presented a completely working back-end service and mobile application for a hackathon with the theme of "Smart Cities."