OMAR DAJANI

303-819-9125 | omar_dajani@icloud.com | omardajani.com | linkedin.com/in/omardajani

PROFESSIONAL OVERVIEW

Software engineer with experience in full-stack development, cloud technologies, and system optimization. Currently at ZOLL Data Systems, developing customer integrations using Vue, .NET, AWS, and DynamoDB. Skilled in automating processes and enhancing system performance. Holds a B.S. in Computer Science from the University of Colorado Boulder. Passionate about distributed systems, scalability, and fault tolerance.

WORK EXPERIENCE

Software Engineer I

ZOLL Data Systems, Remote | August 2023 - Present

- Developed multiple customer integrations using Vue, .NET, AWS ECS, ECR, and DynamoDB to transfer medical Patient Care Reports (PCRs) and map data between two Computer-Aided Dispatch Systems (CADs).
- Automated deployment and integration processes using TeamCity, improving efficiency of software releases.
- Designed and implemented a configurable dashboard to enable/disable integrations for a customer.

Software Engineer Intern II

ZOLL Data Systems, Broomfield, Colorado | June 2022 - May 2023

- Implemented a behavior in a reactive system that sends and partitions live vehicle information through an Amazon Kinesis Firehose delivery stream and is then stored in a partitioned S3 bucket.
- Improved query performance by partitioning the data, resulting in faster access to the S3 bucket when querying with AWS Athena.
- Addressed a customer concern by creating a batch process standalone using .NET. The standalone enables customers to update database information in bulk by importing/exporting CSV files.

Software Engineer Intern

1Trolley, Cairo, Egypt | January 2020 - February 2020

- Developed a web scraper using PHP to automate data extraction from various websites, integrating the results into a structured database.
- Collaborated with a team of three to build a responsive business website using React, adhering to modern web development best practices.

EDUCATION

University of Colorado Boulder | January 2021 - May 2023 | Computer Science, B.S. | GPA: 3.6 / 4.0

American University in Cairo | September 2018 - December 2020 | Computer Science, B.S.