Toe Arkar

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https://toe12.github.io/Profolio/

Experience

We Care Insurance | Omaha, NE, United States | September 2022 - Present
Founding Software Engineer
- Providing leadership to the web development team, ensuring timely delivery of projects while maintaining high-quality standards.
- Collaborating with the product owner to deliver solutions that meet business requirements and user needs.
- Maintaining and modifying Spring Boot applications, as well as assisting with 3rd party APIs as needed.
- Participating in code reviews, identifying areas of improvement, and implementing best practices to increase code quality and application performance.

We Care Insurance | Omaha, NE, United States | April 2021 - September 2022
Software Engineer
- Created, maintained, and supported build, development, and test environments.
- Utilized the Spring Boot framework to develop and maintain full-stack web applications.
- Created JavaScript libraries that allow for dynamic rendering of HTML elements on front-end pages.
- Designed and deployed robust back-end APIs that seamlessly connect to a MySQL cloud database using Hibernate JPA.
- Developed a test application using a TDD approach and incorporated JUnit, Mockito, and Testcontainers for testing.
- Set up GitHub Actions CI/CD to deploy a Spring Boot App to the Oracle Cloud Infrastructure.
- Integrated various third-party APIs, including address validation services, Amazon S3 cloud storage, and VIN verification systems.

We Care Insurance | Omaha, NE, United States | September 2020 – March 2021
Software Developer Internship
- Gathered, analyzed, and documented business requirements then translated them into technical specifications.
- Designed relational databases and created SQL queries to support an insurance quoting application.
- Built an insurance quoting platform using Java Selenium to scrape We Care Insurance partners' websites for the best insurance quotes for clients.
- Contributed to the development of a web application using JDBC, XML, and JavaMail.
- Utilized the Java iText5 library for PDF generation, handling, and manipulation, as well as the JavaMail API with the SMTP protocol to send confirmation emails upon transaction completion.

Forkaia | Irvine, CA, United States | June 2019 – August 2019
Database Programmer Internship
- Collaborated with Business Analysts to create functional specifications and translate them into technical specifications.
- Designed and implemented relational databases to store all user information.
- Normalized relational table designs up to the fourth normal form to improve data integrity and reduce redundancy.
- Created Entity-Relationship (ER) models to map out data relationships and interactions.
- Developed Triggers, Tables, Indexes, Views, and Queries to enable efficient data retrieval and processing.
- Built a database application using Python to support data management and analysis.

Education

Bachelor of Science, Computer Science (October 2016 – August 2020)
Minor: Mathematics
GPA 3.58
Webster University, Saint Louis, MO

Skills

Languages: Java, Python, JavaScript, HTML5, CSS
Databases: MySQL
Frameworks: Selenium, Spring Boot, Spring Data JPA, JUnit, Mockito, Bootstraps
Cloud Tools: Oracle Cloud Infrastructure, AWS S3, Docker
Methodologies: Collaboration, Communication, Test Driven Development (TDD), Object Oriented Programming (OOP), Agile