

Semra Baki

Software Engineer

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Summary:

Highly motivated software engineer with a huge passion for building software and exploring new technologies. Seeking to utilize a broad educational background with excellent analytical, technical, and programming skills to meet business needs.

Technical Skills:

Back-end: Java, Java EE, Spring Boot, Spring-WebFlux, Spring Batch, RestApi, Gradle, Maven, JUnit Test

Front-end: ReactJS, Redux, Javascript, Node.js, HTML, CSS3, BootStrap, Material-ui

Database: Oracle, SQL, MYSQL, MongoDB, PostgreSQL

Source control: Git, Github, Gitlab

Deployment: CI/CD, Openshift4

Other Tools: Jira, Jira-Xray, Scrum, Agile, Postman, Kibana, Control-m

Experiences:

USAA, San Antonio, TX Software Engineer - (July 2022- Present)

- Involved in designing, coding, and writing units, integration testing for a number of features end-to-end.
- Created Spring Boot projects from scratch, and made contributions to ongoing ones, and became an SME for a couple of them.
- Built and maintained UI projects with React
- Used Redux library to manage application state.
- Used React.js hooks
- Managed GitLab CI/CD pipeline on projects to provide continuous integration and development.
- Stood as prod release engineer for many of the projects in our team.
- Used Elasticsearch to log and monitor RestApi call data.
- Took part in the Analysis and Design stage for new back-end APIs.
- Involved in several DB column and scheme creation and created queries to validate newly created DBcolumn and schemes
- Mentored newly hired engineers.

MTD Bank, New York City, NY

Software Engineer-(September 2021 - July 2022)

- Participated in the frontend development process (ReactJS, Html/CSS/JS, Formik, Yup, React-toastify, Bootstrap).
- Participated in the backend development process (Java, PostgreSQL, SpringBoot, Restful API, Spring JWT security).
- Participated in testing the project and debugging.
- Recognizing product-related and non-product application issues.
- Fixing bugs according to Acceptance Criteria and meeting new product requirements.
- Collaborated in Agile environment.

More Personal Projects—Please refer to my [Portfolio](#) to see more projects.

Riverwalk Foundation, San Antonio, TX

Computer Science Instructor (August 2016 - June 2021)

- Thought programming basics and robotics classes for K-8th grade students.
- Helped with IT related issues.
- Design morning and after-school extra-curricular technology programs such as coaching HTML/CSS, Java club.
- Incorporated technology into lessons to strengthen student understanding by utilizing the online textbook programs to assign lessons.
- Used many different software to connect the databases to enter students' grades, take attendance, and submit lesson plans.

Texas Tech University, Lubbock, TX Research Assistant (2015 - 2016)

- Helped course professors with technology-related tasks such as hardware.
- Modified online courses in BlackBoard.
- Created an iBook for the Teacher Candidates.

EDUCATION

Instructional Technology (Ph.D.) -Texas Tech University (Lubbock, Texas)

Computer Science (MScS) - Fatih University (Turkey)

Computer Engineering (B.S.) – Halic University (Turkey)