Ismail T. Baysal

(903) 423-8676 | ismail.t.baysal@gmail.com | https://www.ismail-baysal.com | LinkedIn | GitHub

Austin, TX, 78727

Fully Work Authorized. No Visa Sponsorship Required. Open to Relocation.

PROFESSIONAL SUMMARY

Software Engineer with experience in application, database, and web software development, focusing on n-tier full life-cycle development of client-server and web applications using Object-Oriented Programming (OOP).

SKILLS

- **Languages**: Java, JavaScript, Python, SQL, HTML, CSS, XML
- **Development Tools & Environments**: IntelliJ IDEA, VS Code, Git, GitHub, AWS, Azure, Unix/Linux, Windows, MongoDB, PostgreSQL, MySQL, Postman, Maven
- **Frameworks & Libraries**: React, Spring Boot, Spring, Spring MVC, jQuery, Bootstrap, Node.js
- **Methodologies & Others**: UI / UX, Web Page Design, Application Development, Cloud Computing, Database, Software Development, APIs, Software Development Life Cycle (SDLC), Agile, RESTful APIs, Unit Testing, Microsoft Office

EXPERIENCE

Software Development Academic Internship
January 2023 – May 2023
Peraton - Dallas, TX

- Spearheaded the development of a secure user authentication system, leveraging React for the front end and Java with Spring Boot for the back end, fortifying user access and data protection.
- Engineered user and organization management modules using JavaScript and React, enhancing data interactions with the SQL database and contributing to a 15% improvement in data retrieval times.
- Orchestrated the design and implementation of user-centric interfaces for modules, employing HTML, CSS, and Bootstrap, amplifying user experience and navigational ease.
- Instituted MVC architecture with Java, ensuring a structured separation of application logic, user interface, and database interactions, bolstering the application's maintainability and scalability.
- Implemented a dynamic dashboard using React.js and Bootstrap, which integrated seamlessly with PostgreSQL backend. This dashboard provided real-time data insights, leading to a 20% increase in operational efficiency and decision-making speed.

Web Development Internship
September 2018 – January 2019
D-Point Group - Barcelona, Spain

- Assisted in the development and launch of an event booking web application using Java, React, and JavaScript, contributing to user interface features and testing, leading to successful user adoption with over 100 users post-launch.
- Supported RESTful API integration and data management with JavaScript, performing thorough testing and debugging with Postman to enhance functionality and user experience, ensuring a smooth launch.
- Contributed to maintaining coding standards and best practices through active participation in code reviews, aiding in bug fixes, and front-end maintenance, improving engineering estimation accuracy and product quality.
- Collaborated with UX/UI designers and engineers to develop and maintain front-end components using React.js, enhancing application stability and scalability, and fostering a more efficient development process.
- Participated in front-end development and design implementation, using HTML and CSS in collaboration with UX/UI teams, to create an engaging and visually appealing platform, improving user interaction and satisfaction.

ADDITIONAL EXPERIENCE

Customer Service
May 2019 – August 2021
Amazon - Austin, TX

- Improved customer satisfaction by adeptly addressing customer inquiries and concerns, demonstrating professionalism and effective problem-solving skills.

EDUCATION

Bachelor of Science in Software Engineering
August 2023
The University of Texas at Dallas, Richardson, TX

Bachelor of Science in Business Administration
June 2018
Giresun University, Giresun, Turkey

PROJECT

Hospital Scheduling Application
November 2023 – January 2024

- Deployed a robust application infrastructure using Java and Spring Boot, ensuring scalability and responsiveness for potential user growth.
- Crafted an intuitive front-end interface with React, prioritizing user engagement and experience.

- Integrated APIs, facilitating streamlined communication and data exchange between frontend and backend systems, ensuring secure and reliable transfer of information.
- Employed MySQL for optimized data storage and retrieval, enhancing the application's performance and user data management.

Facts Web Application   *September 2022 – January 2023*
Class Project
- Designed and implemented the application architecture, utilizing Java to ensure robustness and scalability.
- Developed a user-friendly front-end interface for the application, employing JavaScript to enhance interactive and dynamic user experiences.
- Integrated random facts APIs, enriching the application with engaging content by displaying intriguing facts to users.

CERTIFICATION

Certificate in Software Development: Java and React   *November 2023 – January 2024*
Wiley Edge Academy
Key Subjects: Git and GitHub, Java Basics, Object Oriented Programming, Intermediate Java, Advanced Java, Relational Databases and SQL, Rest Web Services, Spring Boot Rest with JDBC Template, Spring Boot Full Stack Web Apps, React, Production Support and Financial Concepts