Asiye Yaliz

JUNIOR FULLSTACK ENGINEER

Sutton, Surrey | 07575997553 | asiyeyaliz@gmail.com | [LinkedIn](#) | [GitHub](#)

Profile

Aspiring Fullstack Engineer with a strong foundation in **JavaScript, TypeScript, React, HTML, CSS, and modern front-end frameworks,** as well as backend technologies like **Node.js, Express.js** along with experience in programming, object-oriented design, and software development best practices. I have completed web development, front-end development and back-end development boot camp. Most recently, I completed the **Software Development Trainee Program** at **Robert Walters**, gaining hands-on experience in modern software development methodologies.

I have developed applications such as **Patient Appointment Booking System** (React, TypeScript, JavaScript, Node.js, MongoDB), a full-stack application designed to streamline patient appointment scheduling with a seamless user experience, and **Worksheet Generator** (JavaFX, OpenAI, SQL Server), a dynamic worksheet creation tool with database integration, ensuring clean and optimized code with Docker and Git for version control.

Core Skills

Programming Languages: Java Script, Java, C# TypeScript

Frontend: HTML, React, Next.js, YUP, FORMIK, Redux, Redux Toolkit, Context API, JavaFX

Backend: Node.js, Express.js, JSON Web Token, Firebase, RESTFUL APIs, JBDC, Spring Boot

Styling: SASS, Bootstrap, Material UI, Tailwind, CSS, Styled Component, Module CSS, Figma

Testing: JUnit5, Jest.js, Cypress.js, React Testing Library

Database: SQL, NoSQL, Postgres, SQLite3, Mongo DB, Mongoose, Sequelize, ORM, ODM, Hibernate

Tools: IntelliJ, Visual Studio, VS Code

Version Control: Git, GitHub, Jira

Methodology: Agile

Soft Skills: Self-organized, problem-solving, effective communication, attention to detail, collaboration, ability to work under pressure, stress management, and strong commitment to tasks.

Experience

JUNIOR DEVELOPER | ROBERT WALTERS   **NOV 2024 – FEB 2025**

- Developed Java-based applications, including console and backend technical projects, following the Software Development Life Cycle (SDLC) and applying object-oriented programming (OOP) principles to solve complex problems.
- Collaborated on a banking application that enabled tellers to manage customer accounts. Primarily contributed to developing the console-based teller menu and methods of ISA account functionalities, and the daily scheduled (Cron Job) interest calculation for ISA account holders.
- Utilised Jenkins for continuous integration and deployment (CI/CD), automating workflows and streamlining development pipelines to improve team efficiency.
- Prepared and delivered presentations on various business topics to enhance soft skills.
- Carried out feasibility analysis, research and gathered functional and non-functional requirements and identified potential areas for growth in an independent final project development (Worksheet Generator App).

Developed a worksheet generation application using JavaFX, MS SQL and powered by Open AI, implementing design patterns for scalable and efficient architecture.
· Completed various courses on O'Reilly to stay updated and expand knowledge of different technologies. (Azure DevOps, AI Integration, Spring Framework, Desing Patterns, SQL)

JUNIOR FULL-STACK DEVELOPER | POINTWISE INFORMATION TECHNOLOGY & SERVICES   JUN 2024 – OCT 2024
· Developed a full-stack online charity application using React with TypeScript for the front end and Node.js, Express, and PostgreSQL for the back end.
· Role-based authentication was implemented by using JWT tokens.
· Users were only allowed to see the pages that their roles permitted.
· There were 2 main microservices: one was the identity service that was responsible for storing/validating users and generating/verifying tokens.
· The second one was responsible for charity operations, e.g., managing branches and their related staff, managing donors, and managing their donations.
· Later, an online payment feature would be integrated with Stripe integration.

SELF-LEARNING | RELOCATION   MAR 2014 – AUG 2015
· After relocating from London to Ankara, I focused on being prepared for two critical national exams—KPSS (Public Personnel Selection Examination) and YDS (Foreign Language Knowledge Level Determination Exam).
· I aimed to perform well in these exams while exploring public sector opportunities.
· I successfully passed both exams, meeting the required marks for public sector eligibility. This experience strengthened my ability to adapt, manage competing priorities, and stay focused under pressure.

QUALITY MANAGEMENT SYSTEM LEAD | ASC HYDRAULIC | KONYA, TURKEY | NOV 2009 - DEC 2010
· Led the implementation and continuous improvement of the ISO 9001 Quality Management System (QMS), ensuring 100% compliance with industry standards and enhancing product quality.
· Conducted every 4 months - internal audits, prepared reports, and developed action plans to address non-conformities, driving operational excellence and adherence to regulatory requirements.
· Trained and mentored 10+ team members on QMS processes and best practices, fostering a culture of quality awareness across the organization.

Projects

WORKSHEET GENERATOR APPLICATION (JAVA, POWERED BY AI)   JAN 2025 - FEB 2025
· Designed to assist parents and tutors in preparing students for the 11+ GL exam by generating customised practice worksheets.
· Developed an interactive JavaFX-based UI, ensuring a seamless user experience. with Core Java handling backend data processing.
· Integrated Microsoft SQL Server (MS SQL) for efficient data storage and retrieval.
· Conducted unit testing to ensure application reliability, performance, meeting coding standards, and security.
· Performed requirements analysis to understand stakeholder needs and define key system functionalities.
· Implemented user-based access control for secure authentication and role-based permissions.
· Demonstrated the ability to work independently, reliability, handling all aspects of development, from design to implementation.
· Applied creativity to streamline front-end and back-end processes, improving application performance and user experience

HOSPITAL APPOINTMENT SYSTEM (JAVASCRIPT)   JUL 2024 - SEP 2024
· Developed a full-stack Appointment Booking System using React with TypeScript for the front end and Node.js, Express, and MongoDB for the back end.
· Conducted unit testing using Jest and MSW, achieving above 90% test coverage
· Implemented user authentication, appointment scheduling, and a dynamic calendar interface, ensuring data management and real-time updates across the system.
· Managed and resolve issues in a timely manner as part of the development.

BLOG-APP (JAVASCRIPT)   APR 2024 - JUL 2024
· Blog-App is a dynamic web application built using React.js. It features a responsive design tailored for both mobile and large screen devices, ensuring a seamless user experience across all platforms.
· This application utilises React Router for navigation and Axios for performing HTTP requests to fetch and display blog posts.

Certificates
· [Foundational C# With Microsoft](#)
· [Clarusway-Frontend with ReactJS](#)
· [Clarusway-Web Development](#)
· [Clarusway-Backend Development](#)
· [Udemy-Complete Guide React](#)
· [Udemy-The Complete JavaScript](#)
· [Udemy-MongoDB, Express, Node.js: The Complete Guide](#)
· [ISTQB Certified Tester, Foundation Level](#)

COURSES

FULLSTACK   SEP 2023-AUG 2024
 Intensive 1-year full-time bootcamp (8 hours daily) Driven by a growing passion for creating software and a desire to understand the full scope of application development, I transitioned from SDET to pursue a career as a Full Stack Developer. This intensive bootcamp allowed me to delve deep into both front-end and back-end technologies, satisfying my curiosity about how entire systems are built from the ground up. Key areas covered:

· Front-end: HTML, CSS, SASS, Bootstrap, JavaScript, React, responsive design
· Back-end: Node.js, Express.js, databases, API development, authentication, pair programming
· Additional skills: Git, Agile, Jira, Linux essentials
· Projects: 11 medium-level hands-on projects, 1 real-life project, 1 milestone project
· Full-stack technologies: Next.js, database integration, API development and testing
· Practical experience: 240+ hours of supervised activities, 10+ assignments
· Tools used: LMS, mentoring, workshops, teamwork, various collaboration tools
· Career preparation: Readiness for roles such as Full-Stack, Front-End, Back-End, and Node.js Developer
· Total hands-on experience: 480+ hours of coding and project work.

Education

B.S. IN INDUSTRIAL ENGINEERING | KONYA, TURKEY