



# Rüştü Efe Uzun

## Junior Software Engineer

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### PROFILE

I am a solution-oriented junior software developer with robust knowledge of applying design patterns to various problems, enhancing extensibility, and reducing maintenance time. With experience in both backend technologies like ASP.NET Core and frontend technologies like Angular, I thrive in dynamic, fast-paced environments where innovation is key. My adaptable nature and eagerness to learn new technologies enable me to stay up-to-date with the latest advancements in the field, allowing me to tackle diverse challenges with confidence and creativity. I possess expertise in both frontend and backend development, making me a versatile and valuable asset to any software development team.

### SKILLS

**Technical Skills:** C#, .Net Core, ASP.NET Core, Entity Framework Core, xUnit, Moq, Redis, SQL, MySQL, PostgreSQL, Restful API, Javascript, Typescript, Angular, RxJs, Jasmine, Cypress, Docker, Software Development, Unit Testing, Design Patterns

**Soft Skills:** Problem-solving, Strong written and verbal communication, Teamwork and collaboration, Attention to detail, Adaptability and eagerness to learn new technologies, Time management and ability to meet deadlines, Leadership

### EXPERIENCE

#### Part Time Software Developer – P.I. Works Inc. - SEP 2022 - AUG 2023 (11 Months)

- Led reconstruction of a crucial product UI segment using Angular, resulting in an improved user experience.
- Maintained ASP.NET Core Endpoints, ensuring the delivery of accurate HTTP status codes.
- Enhanced data accuracy through effective debugging of ASP.NET Core Endpoints.
- Conducted E2E tests using Cypress, strengthening overall product reliability.
- Implemented response compression in the server code, leading to an impressive 75% reduction in data transfer due to efficient compression. This accelerated the FCP (First Contentful Paint) and significantly improved the loading time and overall performance of the application.
- Investigated the potential of load balancing through the combined usage of Consul and NGINX, leveraging custom tags.
- Achieved a 15% reduction in bundle sizes and compile time by conducting an in-depth analysis of Source Maps using various tools, improving overall software performance.
- Attended numerous software education programs offered within the company to continuously enhance my technical skillset.

#### Software Development Intern – Bentego - AUG 2022 - AUG 2022 (1 Months)

- Acquired proficiency in Linux Bash Scripting, enhancing my versatility in managing various tech stacks.
- Developed Cronjobs for the company, improving operational efficiency.

#### Software Development Intern – P.I. Works Inc. - JUN 2022 - JULY 2022 (2 Months)

- Strengthened backend skills with in-depth knowledge of HTTP, including its versions, verbs, and key aspects like Idempotency, Safety, and Caching.
- Mastered .Net ASP.NET API development and Angular integration, optimizing client-server interactions through the implementation of efficient HTTP interceptors.
- Streamlined CI/CD pipelines for faster testing and deployment, enhancing development efficiency and software delivery.
- Enforced version control best practices using commit lint messages and Semantic-Release, ensuring a well-organized and structured codebase.
- Published a JavaScript component and an AngularJS component on npm. ([Js Component](#), [AngularJS Component](#))

### **Freelance Software Development** - March 2022 - May 2022 (3 Months)

- Led the development of an innovative system that gathers real-time data from IoT devices at regular 5-second intervals, ensuring efficient database updates for seamless data management.
- Designed and implemented a robust backend server using Node.js and Express.js, allowing for smooth data processing and storage.
- Leveraged MySQL to store and manage the incoming data, ensuring data integrity and reliability.
- Managed customer relations, collaborating closely with clients, providing regular updates, and ensuring satisfaction.
- Collaborated closely with a multidisciplinary team to gather requirements, prioritize features, and deliver a solution that met client needs effectively. Additionally, provided required Arduino code to enable seamless data transmission from IoT devices to the server.

### **EDUCATION**

**Bachelor of Science in Computer Engineering**

**Eskisehir Technical University**

September 2019 - June 2023

- Grade: 3.23
- Relevant Coursework: Data Structures and Algorithms, Object-Oriented Programming (Java), Database Management Systems (MySQL), Web Development (JavaScript, HTML, CSS), Software Engineering.
- Thesis: BHealth - AI Supported Honey Bee Health Analysis.

### **PUBLICATIONS**

- BHealth: AI Supported Honey Bee Health Analysis ( <https://reuzun.github.io/thesis.pdf> )

### **REFERENCES**

Altay Karakuş

*P.I. Works Inc.*

- He directly managed me.

Burcu Yürekli

*Eskisehir Technical University*

- She was our thesis supervisor.