

UMUT SARPER UZUN

Email: sarperuzun1@gmail.com | Phone: +44 7778 874317

GitHub: github.com/UmutsUzun | LinkedIn: <https://www.linkedin.com/in/umut-sarper-uzun>

PERSONAL STATEMENT

Versatile **Junior Full-Stack Developer** with an **MSc in Computer Science (Distinction)** from **Birmingham City University**. Proficient in **JavaScript, Python, React**, and **Node.js**, with hands-on experience developing **end-to-end web applications** and building **RESTful APIs**. Eager to join a dynamic team in an **entry-level role** to contribute to **real-world projects** and strengthen expertise in **scalable software architectures**.

TECHNICAL SKILLS

Proficient : JavaScript (ES6+), Python, SQL, HTML5, CSS3, React.js, Tailwind CSS, Ant Design, Node.js (Express.js), Flask, MySQL, MongoDB, RESTful APIs, JWT, OAuth2, Git, GitHub, Postman, Responsive Design, Redux.

Familiar : TypeScript, Bootstrap, Chakra UI, Django, FastAPI, PostgreSQL, SQLite, Docker, CI/CD pipelines, Vercel.

Currently learning: Next.js, React Testing Library, Jest, and advanced DevOps practices including scalable CI/CD workflows.

WORK EXPERIENCE

Software Developer (Internship) | AFJ Limited, Birmingham, UK

September 2024 – January 2025

- Developed backend features of an AI-powered chatbot using Flask, SQLAlchemy, and MySQL.
- Integrated OneDrive and CheckSafe APIs for secure document handling and automated fleet data retrieval.
- Applied NLP and sentiment analysis to enhance chatbot responses and user interactions.
- Improved operational efficiency by automating manual report handling and reducing response time for fleet data access by approximately 30%.

Design Engineer | AHR Automotive, Adana , Turkey

March 2022 – June 2023

- Worked on CAD automation and technical data analysis to support engineering design processes.

TECHNICAL PROJECTS

Chatbot Development Project (4 months) (https://github.com/umutsarperuzun/chatbot_project)

Built a full-stack chatbot using Flask, JavaScript, and Bootstrap. Integrated OneDrive API for automated fleet reporting and used spaCy for NLP-based maintenance tracking. Deployed with Docker for API stability and scalability.

POS (Point of Sale) Application (2 months) (<https://github.com/umutsarperuzun/pos-application>)

Developed a MERN stack POS system with JWT-authenticated multi-user access, real-time inventory tracking, and a Redux-based dashboard for sales analytics.

E-Commerce Platform (2 months) (https://github.com/umutsarperuzun/sneakershop_webdev)

Created a React and Node.js e-commerce app with secure payment processing, RESTful APIs, and MongoDB-backed product and user management.

Football Match Outcome Prediction (2 months) (https://github.com/umutsarperuzun/football_predictor_AI)

Developed a data-driven prediction backend using Python and machine learning models. Processed Premier League match data, engineered key features, and evaluated model performance using TensorFlow and scikit-learn.

EDUCATION

MSc Computer Science (Distinction) | Birmingham City University, UK (2023 – 2024)

Dissertation: Development of an AI-Driven Chatbot for Fleet Management & Document Handling

BSc Mechanical Engineering | University of Gaziantep, Turkey (2017 – 2022)

Degree Classification: 2:1 equivalent

Medium of Instruction: 100% English

CERTIFICATIONS & TRAININGS

The Complete Full-Stack Web Development Bootcamp – Udemy (2023)

React - The Complete Guide 2024 (incl. Next.js, Redux) – Udemy (2024)

The Modern JavaScript Bootcamp Course – Udemy (2022)

Production Management Education – IENSTITU (2023)

The Ultimate MySQL Bootcamp – Udemy (2024)

The Complete Python Pro Bootcamp – Udemy (2022)

ADDITIONAL INFORMATION

Languages: Turkish (Native), English (Advanced), German (Beginner)

Interests: Scalable Architecture, Web Development, Basketball, Chess, Galatasaray

References available upon request.