Orhan Aytekin

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Experience

Neuronic Remote
Junior Software Engineer July 2023 – July 2024

- Developed and maintained backend services using AWS to enable end-to-end communication with databases, frontend interfaces, and IoT devices.
- Implemented CI/CD pipelines to automate testing, integration, and deployment processes.
- Established and enforced coding standards to ensure consistency and quality across the development team.
- Collaborated with team members to design and implement scalable software solutions.

GİB Teknoloji Ankara, Turkey
Android Developer Intern July 2023 – September 2023

- Enhanced user experience by creating a more user-friendly and visually appealing interface for the GİB application, which has millions of downloads on PlayStore and AppStore.
- Streamlined the app by removing redundancies and cleaning up the code, resulting in increased efficiency and maintainability.
- Updated the app to align with modern design and usability standards, enhancing user engagement and competitiveness.

Ankara Su ve Kanalizasyon İdaresi Ankara, Turkey
Computer Science Intern August 2022 – September 2022

- Conducted code reviews and analyzed requirements and project plans.
- Documented and reported on the Personnel Attendance System, which had not been previously documented by the company.

Education

HACETTEPE UNIVERSITY Ankara, Turkey
Bachelor's Degree, Computer Engineering. GPA: 3.3/4.0 June 2024

Skills & Projects

Programming Languages: JavaScript, TypeScript, Python, Java, C++, Dart
Frameworks & Libraries: React.js, Spring Boot, Node.js, Flutter
Technologies & Tools: AWS (Amazon Web Services), REST APIs, CI/CD Pipelines, Git, PostgreSQL

Lesion Meter
A mobile application designed to measure the area of skin lesions using images captured by mobile phones. It converts 2D images to 3D models, unwraps 3D models to 2D texture maps, segments images to isolate lesions, and calculates lesion areas from the segmented images. *Tools & Technologies: Python, photogrammetry, image segmentation models (Segment Anything Model - SAM, adaptive thresholding), image processing.*

Review and Recommendation System
A project that simulates a review and recommendation system for an e-commerce platform. Developed a custom website with React for the frontend and Spring Boot with Hibernate for the backend. *Tools & Technologies: React, Spring Boot, Hibernate, PostgreSQL.*

BioMedical Data Mining
A project focused on extracting hidden trends and patterns from biomedical data for disease prediction. Utilizes Latent Dirichlet Allocation (LDA) for topic modeling and Named Entity Recognition (NER) with scispacy and spacy libraries. *Tools & Technologies: Python, LDA, scispacy, spacy, data analysis and visualization tools.*