

Ahmet Col

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WORK EXPERIENCE

Plentific

Backend Software Engineer

London, UK

March 2022 - Feb 2024

- Designed and implemented RESTful API endpoints using Django REST Framework, optimizing response times by **20%**.
- Developed models, views, serializers, and viewsets to manage data interactions, enhancing data integrity and security.
- Collaborated with front-end developers to ensure seamless integration of design and functionality, resulting in a **30% reduction** in page load **times**.
- Utilized SQL, T-SQL, and PostgreSQL to design, develop, and optimize database structures and queries for the product's backend.
- Utilized OpenAPI Specification (OAS) to define RESTful API endpoints, ensuring clear communication and understanding across development teams.
- Documented API paths, methods (GET, POST, PUT, DELETE), query parameters, and response schemas, facilitating efficient onboarding of new team members.
- Optimized database queries using ORM techniques, **reducing** query execution time by **25%** and improving overall system **performance**.
- Managed feature delivery to production using a Kubernetes-based CI/CD pipeline, ensuring rapid and reliable deployment of new features.
- Implemented user authentication and authorization mechanisms using Auth0, enhancing system security and user privacy.
- Conducted comprehensive testing and debugging, **reducing** production **bugs by 40%** and ensuring high-quality code delivery.
- Developed test cases covering various application functionalities, achieving a test **coverage of 100%**.
- Implemented parameterized tests to validate different input scenarios, improving test **efficiency by 30%**.
- Managed version control using Git and GitHub, streamlining collaboration on complex software projects with multiple contributors and branches.

Atiker Software

ERP Software Engineer

Turkey

March 2020 – March 2022

- Led ERP implementation projects from inception to completion, collaborating with cross-functional teams to ensure successful delivery within scope, budget, and timeline, resulting in a **15%** increase in client satisfaction.
- Leveraged SQL, T-SQL, and Microsoft SQL Server to design, develop, and **optimize database** structures and queries for ERP systems, reducing data retrieval time by **25%**.
- Specialized in writing complex SQL procedures and functions to support various business processes and reporting requirements, enabling data-driven decision-making for clients.
- Provided technical expertise in Delphi programming language for customizing and extending ERP software functionalities, enhancing system flexibility and scalability.

PROJECTS

Reservation Web App

April 2019 — June 2019

- Developed a **reservation web application** utilizing **HTML, CSS, and JavaScript** for the frontend and a microservices-based backend.
- Designed and implemented backend services using **Python (Django)** for database management, admin pages, and REST APIs, and **Go** for core validations and business logic.
- Facilitated seamless communication between microservices through **internal APIs**, ensuring secure and efficient data exchange.
- Deployed the entire system using **Docker** containers with multiple dependencies, integrated with a **PostgreSQL** database for scalable and reliable data storage.

SKILLS

Languages: Python, Go, C, R language, Delphi, JavaScript, HTML, CSS, SQL, NoSQL

Technologies: Django, Restful, AWS, Git, Docker, Kubernetes, Github, Linux, MongoDB, Postgres, MySQL, MsSQL, Elasticsearch, Agile, Scrum, JIRA, Confluence, Jenkins, Sentry

CERTIFICATIONS

Plentific Python/Django Bootcamp

2022

BTK Academy SQL Applications

2021

EDUCATION

Hacettepe University

Bachelor of Engineering in Industrial Engineering

Turkey