Ahmet Col

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PROFESSIONAL SUMMARY

Results-driven Senior Software Engineer with 5+ years of experience in backend and full-stack development, specializing in Python, Go, Django, and AWS. Expertise in building scalable microservices, automating CI/CD pipelines, and optimizing system performance. Adept at integrating RESTful APIs, managing cloud-based infrastructure, and enhancing security protocols. Passionate about automation, DevOps, and continuous integration to improve engineering efficiency.

WORK EXPERIENCE

Mamamest   **Toronto, ON**
Full Stack Engineer - Part time   *May 2025 – present*

- Designed and developed scalable full-stack web applications with a **Python (Django) backend**, **RESTful APIs**, and **PostgreSQL** databases, following clean architecture and best practices.
- Built responsive and maintainable front-end interfaces using **JavaScript and Tailwind CSS**, ensuring consistent UX across devices.
- Developed and maintained **cross-platform mobile applications** using **React Native** with **TypeScript**, actively contributing to both UI and business logic.
- Deployed and managed applications on **DigitalOcean**, handling cloud infrastructure, CI/CD pipelines, environment configurations, and release cycles to ensure reliable production deployments.

Plentific   **London, UK**
Backend Software Engineer   *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.
- Optimized distributed REST APIs and enforced authentication/authorization protocols (OAuth2, Auth0), reducing response latency by 25% while improving system security.
- 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.
- Implemented asynchronous task queues using Celery with Redis/RabbitMQ for background job processing, ensuring scalable and reliable message delivery.
- Reviewed peers' code and mentored junior engineers on best practices in Django and REST API development, improving team delivery speed by 20%

Atiker Software   **Turkey**
ERP Software Engineer   *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.
- Experienced in integrating third-party platforms (e.g., payment gateways, scheduling APIs, and ERP systems), adaptable to Payroll and Time & Attendance provider integrations.

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   **Turkey**
Bachelor of Engineering in Industrial Engineering