Mehmet Can Demir

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Professional Summary

Software Engineer with 1 year of experience; developed 30+ AWS Lambda functions in TypeScript and Java, reducing cold start delays and improving MongoDB query speed by 300% with optimized indexing. Delivered 50+ RESTful API services; currently building scalable systems in Go.

Experience

Yolda Logistics   İstanbul, Türkiye
Software Engineer   Nov 2024 - Present

- Maintained and optimized over 30+ AWS Lambda functions written in TypeScript and Java .
- Built and deployed RESTful APIs using AWS API Gateway and Lambda, handling 70K+ monthly requests.
- Created indexes for high-traffic MongoDB collections, increased data retrieval performance by 300%.
- Set up structured logging via AWS CloudWatch Logs Insights, enabling 50% faster issue tracking.
- Implemented authentication flows leveraging OAuth 2.0 and JWT in Java, enabling scalable user sessions.
- Conducted library dependency optimizations via debugging Java Spring Boot projects.

Cosmios Software Academy   Remote
Python-Backend Instructor   Apr 2024 - Nov 2024

- Conducted 120+ lessons on Python backend development, covering RESTful APIs, and databases.
- Guided 30+ students in building Python projects, improving their practical skills.
- Delivered interactive workshops on Git, Docker, and Linux fundamentals, enhancing hands-on technical skills.
- Provided personalized code reviews and debugging support, helping students understand best practices.

Technical Skills

Languages: TypeScript · Java · Go · Python · SQL
Frameworks: Java (Spring Boot) · Node.js · FastAPI · Flask · Django
Cloud Services: AWS · Lambda · API Gateway · S3 · DynamoDB · CloudWatch · CodePipeline
Databases: MongoDB · PostgreSQL
DevOps & Tools: Git · Docker · Linux · Postman · NewRelic
Other: REST APIs · OOP · Design Patterns · SOLID Programming · Unit Testing · CI/CD

Education

Cukurova University   Jun 2022
Bachelor of Engineering | Computer Engineering | GPA: 3.07

Projects

bilink.at | URL Shortener and a Link-in-bio service written with Go.

- Applied clean architecture principles to separate concerns and improve maintainability.
- Optimized database indexing and routing for low-latency redirects and scalable growth.
- Utilized PostgreSQL and designed the relational schema based on Domain-Driven Design principles.
- Provisioned infrastructure and set up CI/CD pipelines; configured firewall rules for enhanced security.