



KUBILAY UYSAL

FULL STACK DEVELOPER

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Age: 31 | Single | Fluent English | Military Service Completed | A & B Driving License

ABOUT ME

Experienced Backend Developer with extensive expertise in serverless architecture, AWS infrastructure, and event-driven applications. Successfully completed complex migrations, enhanced system performance, and ensured robust system reliability through comprehensive testing and logging practices. Passionate about building scalable, maintainable, and efficient backend systems.

SOFTWARE SKILLS

- **Backend:** Node JS, SST Framework, Serverless Architecture, NestJS
- **Frontend:** React, NextJS, Nuxt.js (Basic Level)
- **Languages:** TypeScript, Python
- **Testing & Performance:** Vitest, k6 Load Testing, Postman, Selenium
- **Databases:** DynamoDB, MySQL, PostgreSQL, MongoDB
- **AWS:** Lambda, CloudFront, IAM, Route 53, DynamoDB, RDS (MySQL), Cognito, S3, CloudWatch, SQS, SNS, SES, API Gateway, AWS Step Functions (State Machines), AWS IoT Core, AWS Media Convert
- **DevOps & CI/CD:** Git, Bitbucket Pipelines, AWS Code Pipeline, AWS Code Build, AWS Code Deploy

EDUCATION

KARABUK UNIVERSITY

Bachelor of Mechatronics Engineering
Cumulative GPA: 3.09/4.0

Karabük, TR
Sep 2012 - Feb 2018

BYDGOSZCZ UNIVERSITY OF SCIENCE AND TECHNOLOGY

ERASMUS + Student Exchange Program – Full Scholarship

Bydgoszcz, PL
Feb 2017 - Jul 2017

LODZ UNIVERSITY OF TECHNOLOGY

ERASMUS + Student Exchange Program – Full Scholarship

Lodz, PL
Sep 2015 - Feb 2016

WORK EXPERIENCE

CEYHUNLAR PLASTİK

Full Stack Developer

İzmir, TR
December 2025 – Present

- Managed the entire development lifecycle independently, building a scalable architecture using NestJS for backend and Next.js for frontend.
- Designed and maintained MongoDB database structures, ensuring data integrity and optimized performance.
- Oversaw DevOps processes, implementing CI/CD pipelines for local, dev, and prod environments, and utilized Docker containers for deployment and scalability.
- Integrated AWS services and cloud technologies (Lambda, S3, Cognito, CloudWatch, SQS, SNS, etc.) to ensure high availability and security.
- Developed a web application featuring sample request forms tailored to client industries, with WhatsApp and email integration for seamless communication.
- Built a dashboard for tracking customer feedback and statistics, enabling data-driven insights and improved decision-making.

IVENT PRO

Backend Developer

Remote London, UK

May 2024 – July 2025

- Led migration project independently from SST v2 to v3, significantly enhancing system efficiency.
- Implemented comprehensive load testing using k6, improving application reliability under high traffic.
- Integrated Vitest to provide robust unit and integration tests, increasing code quality and maintainability.
- Designed and implemented AWS CloudWatch for detailed error logging, monitoring, and debugging.
- Built and maintained a fully serverless architecture utilizing AWS Lambda, DynamoDB, Cognito, and S3.
- Developed advanced event-driven functionalities with AWS State Machines, MQTT messaging, and event orchestration.
- Managed AWS MediaConvert integration for video cropping functionalities, enhancing multimedia capabilities.
- Enhanced reliability of AWS SQS Queues through error logging and implementation of Dead Letter Queues (DLQ).
- Participated in creating MySQL RDS data structures to log detailed user interaction metrics, optimizing data insights.

FREELANCE

Full Stack Developer

Izmir, TR

June 2023 – Apr 2024

- Developed and deployed REST APIs using Node.js (Express) and Django REST Framework.
- Created responsive and user-friendly interfaces with React.js and Next.js.,
- Built containerized environments using Docker for easier deployment and scalability.
- Actively maintained and expanded projects available on [GitHub](#).

MARE SUPPLY & SERVICES

Purchasing & Sales Specialist

Izmir, TR

Oct 2017 – Apr 2023

- Drawing upon my strong background in Mechatronics Engineering and dedicated experience at MARE Supply & Services, I excelled in the pivotal role of preparing competitive price offers and meticulously overseeing supply operations to fulfill the diverse technical material requirements of clients spanning Turkish Ports, Shipyards, and the critical Straits region. My unwavering commitment to delivering top-tier procurement solutions contributed significantly to the seamless operations of our worldwide customers, establishing me as a trusted and results-driven professional in the maritime industry.

DELPHI AUTOMATIVE (APTIV)

Process Department Intern

Izmir, TR

Aug 2017 – Sep 2017

- As a Process Department Trainee at DELPHI Automotive in İzmir, Turkey, I supported the cable production line and installation processes. I gained experience in monitoring production, analyzing test results, and contributing to process improvements. This opportunity enhanced my skills in process management and quality control.

DELPHI AUTOMATIVE (APTIV)

Maintenance Department Intern

Izmir, TR

Aug 2017 – Sep 2017

- As a Maintenance Department Intern at DELPHI Automotive in İzmir, Turkey, I conducted rigorous monitoring and inspections of equipment maintenance processes, both planned and unplanned. I specialized in identifying root causes of chronic malfunctions and prepared preventive recommendations to enhance equipment reliability and operational efficiency.

UNIVERSITY PROJECTS

FINAL THESIS

2018

- For my Final Thesis at Karabük University, I undertook a groundbreaking project involving the design and development of an FPV (First-Person View) Controlled Quadcopter. This endeavor encompassed the creation of an unmanned aerial vehicle (UAV) equipped with advanced programming capabilities, allowing for intuitive control via VR Google (virtual glasses). This ambitious project not only showcased my dedication to cutting-edge technology but also demonstrated my ability to conceptualize and execute innovative solutions at the intersection of aerospace engineering and virtual reality.

MOSAIC SETTING WITH 4-AXIS ROBOT ARM USING IMAGE PROCESSING TECHNIQUES

2017

- For my project, I led the design and programming of a sophisticated robotic system capable of arranging mosaic stones precisely in the desired order. This endeavor not only underscored my expertise in robotics and automation but also showcased my ability to seamlessly blend image processing techniques with cutting-edge technology to achieve precise and artistic results.

ACTIVITIES

ERASMUS STUDENT NETWORK**Volunteer of ESN**

Bydgoszcz, PL
Feb 2017 – July 2017

- I enthusiastically volunteered to serve as the representative for Erasmus students, taking the initiative to organize and orchestrate a variety of engaging and impactful events.

BLIMTEY SCIENCE SOCIETY – KARABUK UNIVERSITY**Board Member**

Karabük, TR
Oct 2017 – Feb 2018

- As a board member, I actively contributed to the planning and execution of diverse conferences and events hosted by the esteemed BILIMTEY Science Club.

IZMIR YOUTH CLUB – IBB**Volunteer**

Izmir, TR
Oct 2012 – July 2018

I volunteered in various local activities at IBB Youth Club.

ADDITIONAL

Hobbies: Motorcycle, basketball, travelling, electronic repairs.