



# Mustafa CAMCI

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<https://camci.github.io/personal-website/>

## KEY COMPETENCIES

- Shopify Development (Themes, Apps, APIs)
- AWS Serverless & Server Architectures
- AWS Lambda, S3, DynamoDB, API Gateway, Cognito
- Frontend Development HTML, CSS, JS, Vue, React, Next.js
- 3rd Party API Integration (Google Ads, Meta, Shopify)
- E-Commerce Customisation
- AI & Data Analytics
- Autonomous Systems (DMS, HMI)
- Agile & Scrum Methodologies
- Advanced Python Dev

## FULL STACK DEVELOPER | SHOPIFY EXPERT | PYTHON & AI SPECIALIST

Mechanical Engineering graduate turned **Full Stack Developer** with deep **expertise in Shopify e-commerce development**, API integration, and AI-powered analytics. Proven ability to build and customize robust e-commerce platforms, from front-end UI/UX to back-end automation. Specialized in creating tailored **Shopify themes and apps**, optimizing performance, and delivering seamless user experiences across devices. Strong experience in Headless e-commerce architectures using Next.js and TypeScript, building fast, scalable storefronts decoupled from the back end.

Additionally, skilled in creating **data-driven web applications with Next.js**, including analytics dashboards, admin panels, and custom business tools that transform raw data into actionable insights through clean UX and efficient system design.

Experienced in **Python-based analytics** pipelines, driver monitoring systems, and AI-integrated solutions, with a strong command of modern JavaScript frameworks (React, Vue, Angular), RESTful APIs, and cloud platforms like **AWS**. Adept in **agile workflows**, cross-functional collaboration, and full-cycle product development—from idea to deployment. Bringing a hybrid background that merges engineering logic, creative problem-solving, and business acumen to deliver high-impact **digital solutions in e-commerce**, automotive, and SaaS sectors.

## PROFESSIONAL EXPERIENCE

### Freelance, Shopify Developer / Fullstack Developer

Nov 2021 - Present

- Shopify theme development and customization for responsive, brand-focused e-commerce websites.
- Shopify app development with React and Remix, delivering custom solutions to enhance functionality and user experience.
- Advanced React expertise, including state management (Redux, Zustand), hooks, context API, and optimizing performance for large-scale e-commerce applications.
- Developing custom online stores with reusable components for managing bulk orders for wholesale.
- Proficient in Storefront, Admin AJAX, GraphQL, and REST APIs for efficient data analysis.
- Building Python-based data distribution models, integrating Shopify, Google Ads, Meta APIs, and other external services
- Developing Headless CMS & E-commerce solutions with using Next.js and Typescript

### Mosaique, Tech Lead / Full Stack Developer

Sep 2023 - Present

- Led the development of a cloud-native AI-powered social media marketing platform, built with Vue 3 and fully integrated with AWS
- Designed and implemented serverless backend architecture using AWS Lambda functions (both Python and Node.js) to handle data processing, AI model inference, and API endpoints.
- Managed data storage and retrieval with DynamoDB, including efficient schema design for large-scale user and social media data.
- Built and secured REST endpoints with API Gateway, integrated authentication and user management via Cognito, and accelerated development using AWS Amplify.
- Coordinated cross-functional development tasks, including frontend integration, backend services, and cloud infrastructure deployment, ensuring scalability, performance, and reliability.
- Implemented custom workflows for AI data processing, analytics, and reporting, providing actionable insights to users in real-time.

### Ford Otosan, Autonomous Driving Systems Engineer

Sep 2021 - July 2023

- Researching and developing autonomous driving systems and autonomous vehicle HMI features.
- Improvement of camera-based Driver Monitoring System (DMS) (Python) algorithms capable of detecting drowsiness or distraction with using researches and different library integration (such as Yolov, MediaPipe)
- Actively contributed to and coordinated HADRIAN (an EU Horizon 2020 project) deliverables.
- Experience as a team member in Scrum and Agile management methodologies

### BuldunGO, Frontend Developer

- e-commerce web design and development of admin panel with using Material UI (MUI)

## EDUCATION

### Bachelor of Mechanical Engineering

Koç University | Istanbul, Turkey

## EXTRACURRICULAR ACTIVITIES

Koç University Bioinformatics Lab, Research Assistant

Koç University IES Member Koç University

Marketing Club, Member

Koç University Rowing Team, Licensed Rower

## SKILLS

### Microsoft Office (Word, Excel, PowerPoint)

**Operating Systems:** Linux (Arch based & Ubuntu based), Mac OS, Windows

### Programming Languages:

- **Python:** 5 years
- **HTML, CSS, JS:** 5 years
- **Vue.js:** 3 years
- **Node.js:** 3 years
- **React:** 4 years
- **Next.JS:** 5 years
- **Liquid:** 4 years
- **TypeScript:** 4 years