



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

Programing 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