Atakan Serbes
Software Engineer

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A curious, self-motivated **Software Engineer** with over 3 years of experience in **web application** development within small multinational teams and large enterprises. Always looking for greater opportunities and growth.

☰ SKILLS

Programming Languages	Python | JavaScript | TypeScript | Java
Frameworks & Libraries	Flask | Django | Node | React | Express | Next.js | FastAPI
Database	MongoDB | PostgreSQL | MSSQL | Redis | SQLite | Firestore
DevOps/Tools	Git | Docker | K8s | AWS | Azure | Linux | Firebase
Languages	English | Turkish | German (B2)

💼 EXPERIENCE

Present
05.2024

Software Engineer, MORALABS, Türkiye
> Building ImeceMobil Web ⬈, one of the biggest Agritech platforms that has over 300,000 users.
> Designed responsive, cross-device compatible UI with React and Mantine.
> Integrated **Backend** APIs with **Frontend** using state management tools.

`Node` `React` `Typescript` `Redux` `Azure` `MSSQL`

Present
05.2021

Software Engineer, FREELANCE, United States
> Built **Backend** and partial **Frontend** of a health tourism app with **MERN** stack
> Designed and built Authentication, Database Models and Controllers
> Developed project websites & apps in GO, **JavaScript**, **React** and used web3 integration tools
> Built websites that serve thousands of users with Web3 integrations such as individual crypto wallets.

`Node` `React` `MongoDB` `Web3` `Flask` `Python` `AWS`

03.2022
02.2019

Graduate Teaching/Research Assistant, BILKENT UNIVERSITY, Türkiye
> Taught and evaluated the lab activities of **Python** programming and OOP **Java** courses (600+ students).
> Studied Oriented Object Detection in Remote Sensing Images. Find my thesis **here**.
 Advisor : Prof. Selim Aksoy

`Linux` `Java` `Python`

02.2019
12.2016

Software Engineer, Digital/Industrial Transformation Department, TURKISH AEROSPACE, Türkiye
> Planned and coded Industry 4.0 Maturity test and web poll application using **Flask**
> First team participant of first IoT proof of concept in Turkish Aerospace (Data mining for delay management and root-cause analysis for machinery)
> Published reports on Industry 4.0 related topics (AR, VR, Smart Manufacturing, IoT, sensors)
> Created the digital map of Aerostructure (the biggest and most profitable wing of Turkish Aerospace) Manufacturing for digital transformation roadmap

`Flask` `MongoDB` `Grafana` `RabbitMQ` `Raspberry Pi` `Python` `SQLite`

🎓 EDUCATION

2019-2022 **Bilkent University**
M.S in Computer Engineering \| **CGPA : 3.13/4.00** \| (GRE Quantitative 168/170, TOEFL 104/120)
2012-2016 **Bilkent University**
B.S in Electrical and Electronics Engineering \| **CGPA : 3.05/4.00**

🖥 CERTIFICATIONS

● **CKAD : Certified Kubernetes Application Developer** ⬈ Certification Link   March 2024 - March 2027
● **AWS Certified Developer – Associate** ⬈ Certification Link   May 2023 - May 2026
● **AWS Certified Cloud Practitioner** ⬈ Certification Link   April 2023 - April 2026