

# VAHAN DAĞ

## Full Stack Developer

Highly skilled Software Developer with over 4 years of individual experience in developing innovative web and mobile applications. Expertise in **Flutter, Python, Solidity**, and **blockchain technologies**, with a strong focus on building **mobile applications, smart contracts**, and **backend development**.

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[muamma.io](https://muamma.io)

Istanbul, Turkey

### Experience



#### Full Stack Developer | Founder Muamma Labs

June 2023 - Present · 1 years  
Istanbul, Turkey · Remote

● [Active on Play Store](#)

**Major Achievement:** Developed and launched the Muamma platform, a comprehensive web3 ecosystem utilizing Flutter for cross-platform mobile development and blockchain technology for secure and transparent transactions.

#### Significant Contribution:

- Utilized Firebase integration for authentication, backend logic, and other services, enhancing development efficiency. Engineered blockchain integration with Muamma Token (MMA) on the Polygon network, focusing on smart contract security and cost-effective transactions. Developed a scalable Celery-Flask architecture on Google Compute Engine (GCE) for blockchain tasks, while using Django for web development. Implemented localization for six languages(on mobile), improving global accessibility

#### Key Aspect of Role:

- Employed the BLoC pattern for effective state management in Flutter, ensuring a scalable and maintainable codebase.
- Utilized OpenAI API to generate a diverse set of 25,000 questions for the quiz feature in Muamma Games, significantly enhancing user engagement.
- Developed an integrated crypto wallet using BIP32 and BIP39 standards, incorporating secure storage via mobile keystore and keychain mechanisms.



#### Full Stack Developer DAĞ İnşaat - [Dag yap.com](https://dag yap.com)

Apr 2022 - July 2022 · 4 months  
Istanbul, Turkey · Remote

**Achievement:** Development of dag yap.com, the primary web platform for a construction company.

**Contribution:** Implemented the website using Django and MySQL, ensuring robust backend performance.

**Role:** Enhanced the user interface and experience with extensive use of Bootstrap for responsive design.



#### Full Stack Developer | Founder Desponia.com

Oct 2020 - Present · 4 years  
Istanbul, Turkey · Remote

**Achievement:** Launched Desponia.com, an online community for developers.

**Contribution:** Built the platform using Django and MySQL, ensuring robust functionality.

**Role:** Used Bootstrap for responsive design, enhancing user experience.

### Education

İnönü University  
2020 - Present  
Malatya, Turkey

### Languages



Turkish (Native)



English(B-2)

### Technical Skills:

- Programming Languages:** Python, Dart, Solidity
- Frameworks & Libraries:** Flutter, Django, Selenium, Flask
- Blockchain Technologies:** Smart Contracts, Decentralized Applications (DApps), NFT Development
- Tools & Platforms:** Firebase, Git, GitHub, Visual Studio Code
- Web Development:** HTML, CSS, JavaScript
- Databases:** MySQL, MongoDB
- Cloud Services:** Google Cloud Platform
- Mobile App Development**
- State Management in Flutter (Provider, BLoC)**

### Links

[Website](#)

[GitHub](#)

[Linkedin](#)

[Medium](#)