

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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vahandag@gmail.com

muamma.io

Istanbul, Turkey

Experience



Flutter Developer

Futuretea LTD

August 2024 - Jan 2025

London, England · Remote

Contributing to the development of cross-platform mobile applications using Flutter, focusing on creating scalable and user-friendly interfaces.

Key Responsibilities:

- Collaborating with designers and backend teams to deliver seamless, responsive mobile applications.
- Implementing state management solutions using Provider/BLoC to ensure clean and maintainable code.
- Integrating third-party APIs and Firebase services for real-time data synchronization and user authentication.
- Optimizing app performance, ensuring smooth user experiences on both Android and iOS platforms.
- Actively participating in code reviews, feature planning, and the continuous improvement of mobile development processes.



Full Stack Developer | Founder

Muamma Labs

Dec 2022 - Present

Istanbul, Turkey

Developed and launched the Muamma platform, a cross-platform app using Flutter with blockchain integration for secure transactions.

Significant Contribution:

- Integrated Firebase for authentication and backend services, streamlining development.
- Implemented Muamma Token (MMA) on the Polygon network with secure, cost-effective smart contracts.
- Developed Celery-Flask architecture on GCE for blockchain tasks and Django for web components.
- Enabled multi-language localization in six languages for mobile accessibility.

Key Aspects of Role:

- Applied the BLoC pattern for scalable state management in Flutter.
- Integrated AI to generate 25,000+ quiz questions, boosting engagement in Muamma Games.
- Built a secure crypto wallet with BIP32/BIP39 standards and mobile keystore/keychain storage.

Projects



Desponia.com

Oct 2020

Developed Desponia.com, a developer forum using Django, MySQL, and Bootstrap, providing a collaborative platform for developers to share knowledge and discuss technical topics.



[Kan Lazım](https://KanLazim.com)

June 2024

Developed Kan Lazım using Flutter and Firebase, a platform where users can request and respond to blood donations, ensuring real-time updates and seamless user experience.

Education

İnönü University

2020 - 2025

Malatya, Turkey

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](#)

Languages



Turkish (Native)



English(B-2)