

GÖKDENİZ YILMAZ

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EXPERIENCE SUMMARY

I am the co-founder of Wordbaze, an AI-driven language learning app, where I lead development in technologies such as Node.js, Python, PostgreSQL, and CloudSQL. I specialize in full-stack development, AI model optimization, and enhancing user experiences through personalized learning tools. My work focuses on practical applications of machine learning and backend systems, ensuring both performance and scalability.

In addition to my software development expertise, I have a strong foundation in Statistics, with hands-on experience in data analysis, statistical modeling, and problem-solving. I have contributed to TÜBİTAK-funded projects, where I worked on data management tools and statistical methods to support decision-making processes.

I am currently pursuing a B.Sc. in Statistics at Hacettepe University (2022 – 2026), where I further strengthen my analytical skills and academic understanding of data-driven methodologies.

PROFESSIONAL EXPERIENCE

WORDBAZE

Full-Stack Developer (2022 - Current)

Node.js | Python | PostgreSQL | GCP | React Native (Expo) | REST APIs | AI Integration

Backend Development

- Built scalable backend systems using Node.js and PostgreSQL.
- Deployed services on Google Cloud Platform (CloudSQL, Functions).
- Designed RESTful APIs and managed backend logic for learning modules.
- Integrated and tested AI models in production-level environments.

Data Analysis & ML Support

- Collected, analyzed, and visualized in-app learning data.
- Fine-tuned language models using custom-built feedback loops.
- Created internal tools (e.g., Text Inspector) for data evaluation using CEFR-aligned vocabulary.
- Supported adaptive learning features with data-driven insights.

Frontend Support (React Native – Expo)

- Assisted with authentication configuration and session flow.
- Helped integrate backend services and Cloud Functions with frontend components.
- Collaborated with UI/UX team to ensure smooth user interactions.