

Ahmet Refik BAKALIM

Location: Bradford, UK

E-mail: refikbakalim@gmail.com

Website: <https://refikbakalim.com>

Github: <https://github.com/refikbakalim>

Linkedin: <https://www.linkedin.com/in/refikbakalim/>

Education

- **University of Bradford** Bradford, UK
MSc in Applied Computer Science and Artificial Intelligence Sep 2024 - Sep 2025
- **Middle East Technical University (METU)** Ankara, Turkey
Bachelor of Science in Computer Engineering 2016 - 2022

Experience

- **Software Engineer at Xcitium R&D (A.K.A Nurd, Comodo)** 2022 - 2023 / Ankara, Turkey
Actively participated in full-stack web development projects, overseeing deployment on cloud services such as AWS, Google Cloud Platform (GCP), and Kubernetes. Independently managed the integration and utilization of the Stripe API within projects, ensuring secure and efficient transaction processing.
- **Internship at EKSIM** 2021 / Istanbul, Turkey
Conducted research on database management systems while actively developing .NET Core Web APIs, exploring emerging trends in databases and applying the latest technologies in web development.
- **Internship at EYESOFT** 2019 / Ankara, Turkey
Developed VR games using Unity and C#, including a hands-on internship project focused on creating a simple VR game. Demonstrated proficiency in implementing realistic hand animations and interactive object manipulation within the Unity environment.

Skills

- **Programming Languages & Technologies:** C++, C, C#, Java, JavaScript, TypeScript, Python, HTML, CSS, Vue.js, React.js, Next.js, Nuxt.js, Tailwind CSS
- **Databases & Frameworks:** SQL (MySQL, PostgreSQL), NoSQL (MongoDB, Redis), Spring Boot, Node.js
- **Cloud & DevOps:** AWS, Google Cloud, Docker, Kubernetes
- **APIs & Tools:** Unity, Stripe API, Kafka, Grafana, Prometheus
- **Education & Proficiency:** Technical-electives in Machine Learning, Natural Language Processing, Computer Vision, Database Management Systems. Strong grasp of Algorithms, Object-Oriented Programming, Data Structures.
- **Languages:** Proficient in English, Basic Japanese, Native Turkish.

Projects

- Personal portfolio website: TypeScript, React.js, Next.js, Tailwind CSS. **Github Link Website Link**
- Discord music bot: TypeScript, discord.js, AWS EC2, MongoDB. Currently fully on cloud with automatic deployments. **Github Link . Web Dashboard Link**
- Discord Bot: JavaScript, discord.js, MongoDB. **Github Link**
- Discord Bot: Python, discord.py. **Github Link**
- Web request tracker and visualizer: Kafka, Python, HTML, JavaScript, Docker. **Github Link**
- Website API performance monitor and visualizer: C#, Grafana, Prometheus, Docker. **Github Link**
- Match-3 inspired mobile game: Unity, C#. **Github Link**
- Realistic marble racing game as graduation project: Unity, with focus on real-life physics and shaders.
- Simple chat application: Python(Flask), HTML, CSS, JavaScript. **Github Link**