Alp Giray Savrum

Full-Stack Software Engineer

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About Me

As a full stack software engineer with extensive experience in developing robust web services, e-commerce systems, and custom software solutions, I bring a wealth of expertise to your team. My background spans the banking, fintech, gaming, and e-ticketing industries, showcasing a strong foundation in computer science.

I am dedicated to attention to detail, ensuring that the software we build is not only reliable but also innovative and efficient. My role will be to take responsibility for both the development and growth of the software solutions you envision, turning your ideas into reality.

Experience

Savrum Solutions, Freelance Software Engineer

Amsterdam, NL
June 2023 – Present

I've founded a software development firm in **Amsterdam**, targeting EU/EEA market; obtained BRP registration in **Utrecht** and created scalable applications, adhering to best practices and industry standards to meet customer needs.

- Delivered a patient information management mobile app and **CRM** to a clinic in The Netherlands, using **MongoDB**, **Express**, **React**, and **React Native**, and **Vue**..
- A sports club information management and performance tracking system in Montreal, using **MongoDB**, **Express** and **React**, benefiting from 3rd party services like **Netlify** and **Cloudflare**.
- Various quick tasks for companies using experimental low-cost stacks like **AWS Lambda**, **Cloudflare Pages**, **Netlify**, **Vercel** and cloud providers like **AWS**, **Google Cloud Platform**, **Digital Ocean**, **Hetzner** and **Azure**.
- Worked as a consultant for already-developed projects in **React Native**, **WordPress** and **Shopify**.

Key Skills: HTML, CSS, JavaScript, Node.js, React,js, React Native, Vue, MongoDB, PostgreSQL, MySQL, Wordpress, PHP, Jira, Azure, GCP, AWS, Cloud Migration, Software Engineering, Cloudflare, Netlify, Vercel

Intertech, A DenizBank Subsidiary, Software Engineer, Project Manger

Istanbul, TR
June 2022 – June 2023
1 Year

I worked as a **software engineer** and then promoted to **project manager** position at Turkey's largest bank-ing software contractor company, serving multinational banks and collaborated with 600+ engineers and 50+ product managers.

- Wrote code in **.NET**, **MSSQL** and experimented with **Azure Enterprise**.
- Migrated source codes from **Team Foundation** to **Git** version control systems.
- Wrote customization scripts in **Python** and **Bash** to fulfill customer requests.
- Managed the projects of banks like Standard Chartered and Societe General.
- Managed the projects and feedback loops for fin-tech customers.w
- Wrote **Jira JQL** queries to increase project management team performance
- Fiddled with **Atlassian** technologies to manage projects better.
- Provided Front-end assistance in **React**, **Vue**, **MongoDB**, **Oracle** and **PostgreSQL**
- Developed a **AI** tool using **Python** and **SciKit** to prevent project delivery failures

Key Skills: .NET, Jira, Atlassian, JQL, Python, MSSQL, Azure Enterprise, Oracle, Python, SciKit, Linux, Bash, Back-end Development, Project Management

BUGECE.CO, FrontBack-end Developer, Product Owner

I worked as a **back-end developer** and promoted to **product owner** at the BUGECE, building Turkey's leading nightlife / techno event promotion and e-ticketing platform.

- Developed a back-end with **MongoDB**, **Express**, **React**, and **Node.js** stack.
- Developed a **CI/CD** deployment pipeline with **AWS CodeDeploy** and **Elastic Beanstalk**.
- Re-designed legacy **MongoDB** database to perform better on high loads.
- Increased efficieny in core-critical systems with **PostgreSQL** and **Redis**.
- Added 3rd party integration reporting tools like **Excel** and **PowerBI**.
- Helped design process of BUGECE App using **Figma** and **Zeplin**.
- Wrote a cross platform mobile application front-end using **React Native** and **Expo**.
- Built a boilerplate for mobile applications benefiting **TypeScript**.

Key Skills: Node.js, Express.js, React, React Native, Expo, MongoDB, PostgreSQL, Figma, AWS, Redis, Mobile App Development, Back-end Development

Gram Games, Game Developer/Tester

I worked as a **game developer** and **tester** at the Gram Games, developing and testing games for Turkey's 2nd largest mobile game stuido around pre-acquisition by Zynga.

- Helped development of 10+ games in **Unity3D** and **C#** and **Entitas** framework.
- Published a mobile game in **AppStore** and **Google Play Store**.
- Worked in-game analytics implementation of **Google Analytics**.
- Worked in data collection team to optimize **AdMob** revenue streams.

Key Skills: Unity3D, C#, Entitas Framework, Google Play Store, AppStore, Mobile Publishing, AdMob, Google Analytics

Education

BSc. **Bahcesehir University (BAU)**, Software Engineering

2018 – 2022

I've studied Software Engineering with finance elective courses and have been an active member of **AI**, **Blockchain** and **Cyber Secuirty** community.

- **BAU BlockchainIST Student Initiative:** Co-founded the initiative to build a community around practical applications if **blockchain** technology.
- **BAU Applied AI:** Co-founded the student club to develop real time applications benefiting **AI** technologies.
- **BAU Cyber Security Assc.:** Founded a team of 14 cyber secuirty enthusiasts practicing various **Cyber Security** activities.

Projects

Corrino, High-performance 3D Seat Selection Engine

2024

- I've engineered a Web-GL based solution for seating plan modelling and selection.
- Used **ThreeJS**, **GLSL**, **WebGL**

The Kelam, A Machine Learning Based "Turkish" Word Synthesizer

2023

- Me and my teammate have developed a Machine Learning based word synthesizer using Turkish dictionary.
- Used **Python**, **Keras**, **Tensorflow**, **React**, **FastApi**

EŠ Events, Commission-Free E-Ticketing Startup

2023

- I've developed a competitive e-ticketing suite for event organizers in Turkey where they can get paid to their bank account instantly by selling tickets.
- Used **MongoDB**, **React**, **React Native**, **Preact** and **Node.js**.

Coupon Master 3D
2022
- I've managed a team of 5 game developers to develop a mobile game where player cuts newspaper coupons to buy furnitures to their home.
- Used **Unity3D** and **C#**

Adisyon, A COVID-19 Safe QR-Code Menu for Restaurants Startup
2020
- Developed a simple ordering and menu viewing platform for restaruants during pandemic.
- Used **MongoDB**, **React**, **Preact** and **Node.js**

Technologies

Back-end Development: Node.js, JavaScript, TypeScript, Go, Python, Django
Frontend Development: React, Vue, jQuery, HTML/CSS/JS
Mobile Development: React Native, Expo
Data Science: Jupyter, SciKit, Tensor- Flow
Game Development: ThreeJS, PixiJS, Unity3D, Cocos2D
Reverse Engineering: IDA, JADX, Burp, Wireshark
Operating Systems: Ubuntu, Debian, Amazon Linux, CentOS, FreeBSD, Raspbian
Virtualization: Docker, VMWare, Prox- mox
Other Engineering & Hobby: C, C++, Rust, ESP32 Embedded

Spoken Languages

Turkish: Mother language
English: Professional and Academic competency
Dutch: Basic level of understanding and writing
German: Basic level of understanding and writing

Non-Tech Me

I'm a music enthusiast ocassionaly playing piano, drums and Hammond B3.
I'm occasionally sailing in Istanbul, has a sailboat racer license and can be your main sail guy
I've been an indie game developer since I stareted my carreer still developing games as form of exercise.
I'm occasionaly traveling with Interrail, and I have solid international contacts within NGOs and business fields.
I'm a cold blooded engineer, who has good communication skills, status evaluation and problem solving capability.

Volunteer Experience

Rotary Club International
June 2022 - Present
- I'm serving as International Relations & Services Committee President at **Istanbul Adalar Rotaract Club - Rotary District 2420**

Lions Clubs International
June 2022 - Present
- I'm serving as International Relations & Services Committee President at **Istanbul Ahenk Leo Club - Lions District 118-Y**

References

Interech / DenizBank: Özge Göçmen, Head of Clients Projects Management **in**
BUGECE.CO: Alihan Gençoğlu, Co-Founder **in**
Gram Games: Derin Yarsuvat, Game Designer **in**