

# Berke Anday Baloglu, MSc

United Kingdom - Turkey | [anday.dev](https://anday.dev) | [github.com/andyanday33](https://github.com/andyanday33) | +44 7501 268335 |  
[berke.andayb@gmail.com](mailto:berke.andayb@gmail.com) | [linkedin.com/in/berkeandayb](https://linkedin.com/in/berkeandayb)

## SKILLS

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**Primary Programming Languages:** Typescript, Javascript, C#

**Secondary Programming Languages:** Java

**Frameworks and Libraries:** Next.js, React.js, Node.js, .NET, .NET Core, Astro, Tailwind CSS, Material UI, Redux, Next-Auth, Tanstack Query, React Router

**Tools and Practices:** Git, Docker, CI/CD, Agile, REST API, GraphQL, tRPC, Prisma, Vite

**Other Languages:** HTML5, CSS3

**Spoken Languages:** Turkish (Native), English (C1), German (A1)

**Soft Skills:** Excellent Written and Verbal Communication, Collaboration, Positive Attitude, Commitment

## EDUCATION

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### University of St Andrews

Computer Science/Master of Science

St Andrews, Scotland, UK

Graduation: 16/09/2022

- *Learnt about writing semantic HTML5 & CSS3 in a modern way which is accessible and SEO optimised.*
- *Architected and developed various applications with various teams using different technologies, approaches and architectural patterns such as client-server and microservices during the degree.*
- *Mastered the concepts of writing clean and understandable code, A/B and end-to-end testing and object-oriented programming.*
- *Learnt and applied Agile/SCRUM methodologies during application development processes.*
- *Worked with various small teams to develop well-documented and tested applications under tight deadlines.*
- *Graduated with a Merit.*

### Ege University

Computer Engineering/Bachelor of Science

Izmir, Turkey

Graduation: 08/08/2021

- *Final project on developing a chat application using Flutter and Firebase.*
- *Learned about the core concepts of computer science such as data structures, algorithms, object-oriented programming, computer networks, debugging essentials, unit testing etc.*
- *GPA 3.59/4.00 (First Class eq.)*

## EXPERIENCE

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### Epicor

Associate Product Developer

10/2022-Current

- *Created a C# HTTP triggered Azure Function which acts like an API that is connected to Cognitive Services, CosmosDB and Blob Storage to process some Data using AI and store the extracted results.*
- *Built up a CI/CD pipeline in Azure DevOps environment which builds up the application, runs tests and publishes coverage results.*
- *Learnt C# from scratch in a short time span and passed the Azure Fundamentals Certification exam in 4 days.*

**PurpleBox Inc.****(Remote)***Back-end development intern**03/2021-05/2021*

- *Learned how to develop scalable back-end APIs using Express and Node.js*
- *Learned about AWS, deploying applications at scale to AWS, its most used services and how to use AWS SDK.*

**PROJECTS**

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**ESporland - Esports news website****Side-Project***Full-stack web application**12/2022-Current*

- *Tested various technologies (like Next.js, Astro for frontend and WordPress, and Strapi as headless content management systems) measuring trade-offs and trying to provide the best writing experience for reporters.*
- *Created the website using Astro on the front-end with SSR (Server Side Rendering) enabled, which queries WordPress on the backend using GraphQL, reducing the response payload that is being sent to the front-end, therefore, boosting performance.*

**Hotel and Home booking application****Side-Project***Full-stack web application**08/2022-Current*

- *A feature-rich, complex full-stack NextJS Typescript hotel booking application.*
- *Prisma object-relational mapper (ORM) connected to a PlanetScale MySQL instance*
- *The backend is developed using tRPC, which enables end-to-end type safety.*
- *Carefully designed responsive pages looking great on every type of screen created using Tailwind CSS with DaisyUI component library.*
- *Uses Next-auth connected to Prisma for authorization which creates an OAuth flow.*
- *Connected to an AWS S3 Object Store for Image Upload functionality.*

**Anday.dev Portfolio Site****Side-Project***Web Site**07/2022-07/2022*

- *A mostly static portfolio website, developed using Astro.*
- *SEO optimized and contains good web vitals.*
- *Dynamic parts are created with React.js, which is hydrated using Astro's Islands Architecture.*

**Puzzlaffic, A Coding Game****University of St Andrews***A full-stack web application**06/2022-Current*

- *A solo project developed using Typescript React with Vitejs, Bootstrap React and Firebase.*
- *Integrated with Google's Blockly for drag-and-drop code generation.*
- *Contributed to Google's Blockly during the integration period.*

**Food-friends, A Recipe Sharing Application****University of St Andrews***A full-stack web application**04/2022-05/2022*

- *A four-person group project was developed using Nuxt.js with Tailwind CSS on the front end and Java Spring with Mongo DB database on the back end.*

**Numble, A Nerdle Variation****University of St Andrews***A full-stack web application**02/2022-03/2022*

- *A three-people group project that was developed using Vue.js on the front end and Java Spring on the back end.*

## LEADERSHIP EXPERIENCE

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### IEEE Ege University Student Branch Computer Society

*Chairman*

05/2019-10/2019

- *Helped host a big event on renewable energy with more than 300 people attending in person.*

### IEEE Turkey Computer Society

*Scouting and Global Representation Coordinator*

06/2018-06/2019

- *Hosted a big event on Computer Science with conferences on new mainstream topics and concurrent classes on specialised subjects with more than 500 people from all around the industry attending in person.*

### IEEE Ege University Student Branch Computer Society

*Vice-Chairman*

05/2018-05/2019

- *Hosted a big conference on cyber security with more than 300 people attending in person.*
- *Helped host a big conference on renewable energy with more than 300 people attending in person.*

## INTERESTS

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**General interests:** Tennis, Drums, Gaming, Writing, Cinema