

# Berke Anday Baloglu

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## SKILLS

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

**Secondary Programming Languages:** Golang, Java, Python

**Frameworks and Libraries:** Next.js, React.js, Vue.js, Nuxt.js, Node.js, .NET, Tailwind CSS, Material UI, Redux, Spring

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

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

## EDUCATION

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### University of St Andrews

Computer Science/Master of Science

St Andrews, Scotland, UK

22/09/2022 (Expected)

- Final project on developing a coding game using Typescript React, Google's Firebase and Blockly.
- Architected and developed various applications with various teams using different technologies and approaches during the degree.
- Mastered the concepts of writing clean and understandable code, testing and object-oriented programming.
- Running GPA 16.2/20

### Ege University

Computer Engineering/Bachelor of Science

Izmir, Turkey

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, etc.
- GPA 3.59/4.00 (First Class eq.)

## PROJECTS

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### Hotel and Home booking application

Full-stack web application

Personal

08/2022-Current

- Full-stack next.js hotel booking application.
- Uses Prisma orm connected to a planet-scale MySQL instance
- Contains end-to-end type safety provided by tRPC.
- Uses Tailwind CSS with DaisyUI component library for styling.
- Uses Next-auth connected to Prisma for authorization which creates an OAuth flow.
- Stripe is going to be integrated in the future for payments.

### Portfolio Site

Web Site

Personal

07/2022-07/2022

- A mostly static portfolio website, developed using Astro.
- Dynamic parts are created with React.js, which is being hydrated using Astro's Islands Architecture.

**Puzzlaffic, A Coding Game***A full-stack web application***University of St Andrews***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***A full-stack web application***University of St Andrews***04/2022-05/2022*

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

**Numble, A Nerdle Variation***A full-stack web application***University of St Andrews***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.*

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**EXPERIENCE****PurpleBox Inc.***Back-end development intern***(Remote)***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.*

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**LEADERSHIP EXPERIENCE****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.*

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**INTERESTS****Interests in Computer Science:** Web Applications**General interests:** Tennis, Drums, Gaming, Writing, Cinema