

# Hakan Ayata

## Full Stack Developer

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## Relevant Training & Courses

### CS50W: Web Programming with Python and JavaScript

Harvard University | Jan 2023 – Jul 2023

- Dove deeply into the design and development of web applications with Python, JavaScript, and SQL using frameworks like Django, React, and Bootstrap
- Through hands-on projects I learned how to write and use APIs, create interactive User Interfaces, and leverage cloud services like GitHub, Heroku, and PythonAnywhere

### Full Stack Developer Trainee

Clarusway Inc | Sep 2022 – Jul 2023

- Developed interactive, responsive, and scalable full-fledged applications utilizing HTML, CSS, Bootstrap, Material UI, Tailwind, JavaScript, React, Redux, Python, Django, Django REST Framework and PostgreSQL.
- Built robust Web APIs, integrated third-party APIs, and created optimized solutions for performing CRUD operations in collaboration with diverse databases.
- Applied Continuous Integration / Continuous Delivery (CI/CD) with GitHub, Heroku, Python Anywhere, AWS Lightsail, and AWS Amplify
- Utilized Scrum & Agile methodologies and JIRA while working on individual & group projects

### CS50X: Introduction to Computer Science

Harvard University | Aug 2022 – Dec 2022

- Acquired knowledge about fundamentals of computer science such as abstraction, algorithms, data structures, memory, cybersecurity, software engineering, web programming

### CS50P: Introduction to Programming with Python

Harvard University | Oct 2022 – Dec 2022

- Learned how to handle errors and exceptions, find and fix bugs (debugging), write unit tests; use third-party libraries; validate and extract data with regular expressions (regex); model real-world entities with classes, objects, methods; and read and write files

## Experience

### Volunteer Full Stack Developer

Freedom Combination Academy | freedomcombination.com | Sep 2023 – Present

- Integrated Open AI's GPT-4 and developed the required UI components for our dashboard
- Collaborated with a team of volunteer developers to address GitHub issues, enhance the organization's web app; working with technologies such as Next.js (w/ TypeScript), Chakra UI

### Gap Years

Relocation, integration, and career transition

Jan 2021 – Present | Germany

- Completed three courses on topics in Computer Science/Programming from Harvard University, and one intensive Full Stack Development course from Clarusway Inc.
- Learned German to an intermediate level (B1)
- Obtained recognition of my engineering profession
- More details available upon request

Chief Civil Technical Office Engineer | Jan 2019 – Jan 2021

Civil Technical Office Engineer | Jan 2018 – Jan 2019

TODINI & SMS J.V. | Karaganda, Kazakhstan

- Prepared excel models which partially automated performance report processes that resulted in a time savings of approx. one hour per day
- Led a team of 3 engineers, trained 6 newcomers and helped them develop further
- Conducted interim payment certificates worth over \$10M for 120+ subcontractors
- Prepared daily performance reports, presented them to managers, COO, and CEO
- Developed my teamwork skills at this multinational company by working in close collaboration with 7 other engineers from diverse backgrounds

## Skills

### Programming Languages

JavaScript, Python, C, SQL, TypeScript, HTML, CSS

### Libraries & Frameworks

Django, Flask, React, Next.js, Bootstrap, Material UI, Tailwind, Chakra UI

### Tools & Platforms

Git, GitHub, AWS Lightsail, Heroku, Cloudflare, PythonAnywhere, Firebase, Vercel, Docker

## Projects

### Journal Jun – Jul 2023

Video: <https://youtu.be/6JQq8DfOeac>

App: <https://cs50journal.eu.pythonanywhere.com>

- A web-based productivity-focused application helps users create and manage their journal entries in an organized manner
- Languages & Tools: Python (Django), Django Templates, JavaScript, Bootstrap, CSS, TinyMCE Text Editor, PythonAnywhere

### Refuel Tracker Nov 2022 – Mar 2023

Video: [https://youtu.be/LfjeUgx\\_3V4](https://youtu.be/LfjeUgx_3V4)

App: <https://refueltracker.eu.pythonanywhere.com>

- A full-fledged web application helps users to keep track of the fuel consumption of their vehicles
- Language & Tools: Python (Flask), Jinja Templates, JavaScript, Bootstrap, PostgreSQL, Chart.js, Git, GitHub, Heroku

### CV Generator Dec 2022 – Feb 2023

Video: <https://youtu.be/YVBA1FetrXQ>

App: <https://cvgenerator.eu.pythonanywhere.com>

- A web-based application that helps users to create a CV in portable document format (PDF)
- Languages & Tools: Python (Flask), Jinja Templates, JavaScript, Bootstrap, Git, GitHub

## Education

### Bachelor of Science, Civil Engineering

Istanbul Technical University

## Interests

Swimming, traveling, foreign cultures & languages, music, volunteering

## Languages

Turkish	Native
English	Proficient
German	Intermediate (B1)
Russian, Kazakh	Beginner