

# AYDIN EFENDI

☎ (+44) 7777 945 229 ✉ [aydinefendi@icloud.com](mailto:aydinefendi@icloud.com) [in linkedin.com/in/aydin-efendi](https://www.linkedin.com/in/aydin-efendi) [github.com/aydinefendi](https://github.com/aydinefendi)

## Education

---

University of Warwick  
Computer Science/Cybersecurity

Sep 2024 – Jun 2027  
Coventry, UK

## Work Experience

---

Senswise.co  
Software Engineering Intern

Feb 2024 – Aug 2024  
Hybrid

- Collaborated with Senior Software Engineers to **fine-tune an Open Source BERT model for sentiment analysis**, leveraging techniques like **LoRA**, which reduced fine-tuning time by **30%**, optimizing the model's performance on limited hardware resources
- Conducted **unit tests** using **Python** to ensure code functionality and reliability across multiple components of the application
- Performed **end-to-end testing** using **Playwright**, rigorously validating user workflows and integration points to improve overall product quality
- Assisted in the development of a feature that enabled users to **download the Analytics dashboard** and automatically generate a **PowerPoint presentation with dynamically written content**, allowing internal stakeholders to easily review and present key statistics

## Projects

---

VoiceNote AI | *Source Code*

HTML | CSS | JavaScript | Python | SQL | API | Flask

- Engineered a comprehensive **SaaS** application with a **JavaScript, HTML, and CSS** frontend, allowing users to **record audio** and transcribe it using the **OpenAI API**, enabling real-time querying and interaction with the audio content.
- Implemented a scalable **Flask** backend in **Python**, integrated with a **Postgres** database for efficient storage and management of audio files, and developed **RESTful API** endpoints to ensure seamless data retrieval and processing.
- Developed an additional **Chrome Extension** feature to facilitate quick audio recording directly from the browser, enhancing user convenience and accessibility.
- Created a secure login and signup authentication system using the **Google API** for user verification and integrated **Mailgun API** to send OTPs to users for enhanced security.

LaTeXResume.io | *Source Code*

HTML | CSS | JavaScript | Python | PostgreSQL | LaTeX

- Built the frontend using **HTML, CSS, and JavaScript**, providing a simple interface for users to input data that is converted into **LaTeX-formatted Resume PDFs**.
- Developed a **Flask** backend with **Python** and **Postgres**, implementing **RESTful API** endpoints to manage data processing and seamless PDF generation.

## Technical Skills

---

**Languages:** Python, SQL, HTML, CSS, JavaScript, C

**Developer Tools:** Postman, Git, Jira

**Libraries/Frameworks:** AWS, PyTorch, PostgreSQL, Flask, Docker, Playwright, SQLite