

# Takahiro Mitsui

[takahiro.mitsui.careers@gmail.com](mailto:takahiro.mitsui.careers@gmail.com) | [linkedin.com/in/takahiro](https://linkedin.com/in/takahiro) | [github.com/takahiro](https://github.com/takahiro) | [Portfolio/takahiro](#) |  
Berlin, Germany

## ABOUT ME

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Berlin-based Full Stack Developer with 4 years of experience and expertise in Python and TypeScript, building scalable applications and enhancing platform features.

## EXPERIENCE

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### Full Stack Developer - Full-time

September 2024 - November 2024

*Luup Systems*

*Berlin, Germany*

- Luup Systems: A company specializes in AI-supported software for double materiality analysis, ensuring compliance with the EU Corporate Sustainability Reporting Directive (CSRD).
- Developed an AI-integrated full-stack web application targeting small to mid-scale enterprises, utilizing Angular, SolidJS, and gRPC to enhance performance and user experience.
- Created an engaging landing page using Next.js, implementing internationalization with i18next to support multiple languages and enhance accessibility.

**Website:** [Link](#)

### Full Stack Developer - Student Project

February 2021 - April 2024

*Face The Facts*

*Berlin, Germany*

- Face The Facts: A project supported by the German government to develop a top 3 education app for the German elections.
- Developed a RESTful API using FastAPI.
- Created UI using React and TypeScript.
- Established the database on AWS.

**Website:** [Link](#)

**App:** FaceTheFacts App

**GitHub:** [github.com/FaceTheFacts/backend](https://github.com/FaceTheFacts/backend)

### Full Stack Developer - Working Student

June 2023 – December 2023

*Siemens Mobility*

*Berlin, Germany*

- Target Price Predictor: Developed an internal application to forecast railway project revenue for approximately 39,600 employees by analyzing user-provided inputs.
- Developed a GraphQL API using Flask and PostgreSQL, the sole backend developer on the project.
- Developed a full-stack web application using Next.js.

## TECHNICAL SKILLS

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**Languages:** Python, Typescript, JavaScript, Go, Rust, HTML, CSS, SQL

**Frameworks:** Flask, FastAPI, Django, NestJS, Node.js, Next.js, React, SolidJS, Angular, schadcn/ui, Material-UI, PostgreSQL, MongoDB, Tailwind CSS, TensorFlow

**Developer Tools:** Git, GitHub, GitLab, Docker, AWS, DigitalOcean

**Additional Skills:** RESTful API design, GraphQL, gRPC, CI/CD, Containerization, Event-Driven Architecture

## LANGUAGE SKILLS

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**English:** Professional proficiency

**German:** Entry level

**Japanese:** Native

## EDUCATION

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**CODE University of Applied Sciences**

Berlin, Germany

*Bachelor of Science in Software Engineering*

**Tokyo Medical and Dental University**

Tokyo, Japan

*Master of Science in Health Sciences and Biomedical. Molecular Biology*