

Gregorius Nico Toreh

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Education

Technische Universität München

Bachelor, Informatik

München

Sept 2022 - Present

Karlsruhe Institute of Technology

Studienkolleg, T Kurs

Karlsruhe

March 2021 - March 2022

- Grade: 2.0

- Deutsche Physikalische Gesellschaft Abiturpreis Award

SMAK 1 BPK Penabur

High School, Grade: 1.7

Jakarta, Indonesia

June 2017 - July 2020

Experience

Front End Software Engineer

Agile Robots

München

May 2024 - Nov 2024

Technologies: Vue.js, Typescript, GraphQL, Gitlab

- Played a role in the R&D project as part of a team of nine developers from its initial phase, assisting in implementation and iterative improvement.
- Contributed to the development, maintenance, and improvement of web-based solutions, including enhancements to the Operator UI.
- Took part in the specification discussion and documentation of interfaces.
- Mainly responsible person for implementing and maintaining the GUI Kit used across the entire codebase.

Software Engineer - iPraktikum

TU München in collaboration with Interhyp Gruppe

München

Oct 2024 - Feb 2025

Technologies: Swift, VisionOs, Go, Kubernetes, Google Gemini

- Built an immersive application for VisionOS using native Swift combined with a custom server written in Go.
- Utilized Google Gemini to enhance real estate search functionality and refine filtering capabilities.
- Integrated several third party APIs to retrieve data, and built several corresponding UI elements.
- Responsible for the entire app deployment pipeline, including client releases to TestFlight and server deployments.

Projects

Mori: Personal Money Diary

Sept 2023 - Present

- Description: Money management application with expense tracker and group split bill functions.
- Role: Full Stack Developer.
- Technologies Used: Flutter, Firebase

Activities

- KMKI, Indonesian catholic student organization (Food and Beverage committee)

Dec 2023 - April 2024

- Smak One Cup, Jakarta, Indonesia (Equipment and logistics committee)

Jan 2018 - June 2020

Skills

Language Skills: German (fluent), English (fluent), Chinese (basic), Indonesian (native)

Technical Skills:

- Front-End: Vue.Js, React, Javascript, Typescript, HTML, CSS
- Back-End: C, Java, Python, Go, Node.js
- Mobile Development: Swift, Flutter, React Native
- Database: SQL, PostgreSQL, GraphQL, Firebase
- Others: Docker, Git, CI/CD, Assembly

Interests/Hobbies: Sports (mainly volleyball and badminton), Photography