

SAIYAM JAIN

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PROFESSIONAL EXPERIENCE

Yunex Traffic, Munich: *Working Student Software Development*

Jun 2024 – Present

- Supporting **smart mobility solutions** for cities by contributing to **traffic management and intelligent transport systems**.
- Developed and maintained **Grafana dashboards** for efficient visualization of live traffic data, system health, and KPIs.
- Implemented backend services and frontend modules for **adaptive traffic signal control and monitoring** using modern JavaScript frameworks and RESTful APIs.

TreueGo, Munich: *Co-Founder & CTO*

Oct 2024 – July 2025

- Build a **loyalty marketplace solution** connecting local businesses with users through digital rewards and loyalty programs.
- Designed and developed a **cross-platform mobile prototype** using **React Native, Expo, and Supabase**, enabling merchants to manage customer loyalty and rewards seamlessly.

EcoG, Munich: *Working Student Software Tools*

Mar 2024 – May 2024

- Contributed to EcoG's **EV charging OS**, which enables manufacturers to build and scale smart charging infrastructure.
- Automated **certificate renewal and device management** via custom scripting for the OCPP-compliant charging systems.
- Integrated **multiple payment terminal providers** with EcoG's backend to streamline transactions at EV charging stations.

Projekt0708, Munich: *Junior Associate*

Mar 2023 – Dec 2023

- Supported client projects in **SAP Human Experience Management (HXM)** and **SAP SuccessFactors** as part of a digital HR transformation consultancy.
- Implemented efficient and scalable software solutions to improve recruitment workflows and employee experience.
- Conducted **end-to-end testing, deployment, and configuration** of new modules in SAP environments.

PROJECTS

JainCommunityEurope.com: *Fullstack developer*

Aug 2025– Present

- Built a **community platform** for the Jain community in Europe, aimed at connectivity and event coordination.
- Developed the site using **Next.js, Vercel v0 and Supabase** for serverless deployment and real-time data handling.

TravelGreen: *Bachelor Thesis*

Oct 2024– Jan 2025

- Conducted research on balancing **sustainability and user experience** in digital tourism platforms.
- Designed and implemented a **sustainable tourism recommendation system** to suggest eco-friendly travel destinations.
- Focused on **green UX principles**, improving user engagement while promoting responsible travel behaviors.

La Famiglia Practicum: *Frontend/Fullstack developer*

Oct 2023– Mar 2024

- Developed an **AI-powered platform** for tracking companies, integrating data mining, advanced analytics for in-depth insights and reporting.
- Built web interface, providing an intuitive user interface for data management, visualization, and accessible system functionalities and acted as a fullstack developer connecting three teams.

AirPing: *Software engineering college Project*

Mar 2022– Jul 2022

- Designed and implemented features of a flight management application using React and Spring that allowed users to plan trips, interact with flights, and provide feedback, enhancing the overall user experience.

Hackathons:

HackUPC24 Barcelona

May 2024

- Implemented an AI voice-based chatbot for warehouse operations and enhanced warehouse efficiency through voice interaction via streamlined order management with voice commands.

Start Hack25, Hack24 St Gallen

Mar 2024, Mar 2025

- Built an **ESG-focused investment application** connecting sustainability-minded investors with ethical opportunities.
- Built **FarmSmart**, an AI solution promoting **sustainable agriculture**, improving resource management for farmers.

EDUCATION

Technical University Munich: *BSc Informatik (Deutsch)*

Oct 2021 – Oct 2025

- Core modules include **Software Engineering, Data Analysis, Statistics, Algorithms & Data Structures, Operating Systems, Databases, Theory of Computation, Mathematics, Computer Architecture, Networks & IT Security**.
- Developed skills in multiple programming paradigms (object-oriented, functional programming), algorithmic complexity analysis, and efficient data structure implementation. Hands-on experience via practical courses and numerous assignments.

SKILLS & ACHIEVEMENTS

Languages: Deutsch(C1), Hindi(C2), English (C2).

Coding: Java(3 years), Typescript/Javascript(4 years), Python(1 year), R(1 year), SQL(2 years), React-native(1 year).

Techstack: React, React-native, Next.js, Express.js, Node.js, Firebase, Supabase, Grafana, GitHub-actions, MongoDB, Postgres, ArgoCD, Kubernetes, Docker, Vue.js, Kafka, Tailwindcss, Expo.

Scholarship: Monthly stipend of 220€ from **Reemtsma Begabtenförderungswerk** since March 2022.

Exam: **IIT-JEE Mains and Advanced** - Passed World's second most challenging exam, surpassing over a million competitors.

Others: Public speaking on Jainism, teaching 50+ people online around Europe, Chess, Cricket.