

Grasmit Katharotiya

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Experience

Student Software Engineer, Newboxes – Friedrichhafen, Germany 09.2024 – Present

- Optimized a data-heavy Symfony MVC application for popular manufacturers' engine test data management, enhancing performance through refined Doctrine ORM features and resolving critical bugs.
- Collaborated in a cross-functional team to develop new frontend as well as backend features using Vue.js, TypeScript, Tailwind CSS, PHP, and Symfony, delivering reusable UI components and integrated REST APIs.

Data as a Service Intern, Bosch – Schwiberdigen, Germany 04.2024 – 08.2024

- Automated data transfers between departments by building web application using Angular and Flask with PostgreSQL, integrating machine learning models for AI-Driven data delivery.
- Deployed the solution on internal VMs using Docker and CI/CD pipelines, ensuring scalable delivery and seamless updates across the internal cloud infrastructure.

Student Software Engineer, GroupM – Düsseldorf, Germany 06.2023 – 03.2024

- Built Angular and React micro-front-ends and RESTful ASP.NET microservices for a WPP-wide platform, integrating Azure AI to reduce user effort by 40%.
- Improved test coverage and reduced bugs by writing Jasmine xUnit unit tests across front-end and back-end modules in a CI-driven development environment.

Software Engineer, Gliztern – Surat, India 01.2021 – 12.2021

- Delivered end-to-end features for a client-facing web platform by building RESTful APIs with C#, ASP.NET, and EF Core, and managing both SQL Server and NoSQL databases to meet evolving business requirements.
- Developed interactive and responsive UI components using Angular and RxJS, translating complex requirements into user-friendly interfaces and reducing user friction across workflows.
- Actively contributed in Agile ceremonies and sprint cycles, ensuring timely delivery of backlog items through collaborative planning, daily stand-ups, and cross-functional coordination.

Education

Hochschule Fulda – M.Sc. Global Software Development 04.2025

Gujarat Technological University – B.E Computer Science 06.2021

Skills

Frontend: Javascript, Typescript, Angular, React

Backend: C#, Python, ASP.NET, ER Core, Flask

Databases: SQL, PostgreSQL, MongoDB, Elasticsearch

Devops: Git, CI/CD, Docker, Azure

Languages

English (C1) | German (B1)

Projects

- **MyTube:** Built a complete video platform using React, Nodejs, MongoDB, and Firebase with user-friendly UI.
- **StellerShop:** Angular-powered e-commerce platform designed for seamless and efficient online shopping.
- **StrollScape:** Deliver detailed information on walking and hiking routes, including terrain characteristics and regional insights, to support outdoor enthusiasts in planning their adventures.