

# Sarim Sohail

· SOFTWARE DEVELOPER ·

Nürnberg, Germany

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## Education

### Friedrich-Alexander University of Erlangen-Nuremberg

M.Sc in Artificial Intelligence

*Studying*

*October 2024 - Present*

### FAST - National University of Computer and Emerging Sciences

B.S. in Computer Science

*Graduate*

*Aug 2019 - May 2023*

## Experience

### AIFactor Inc.

Software Engineer

*Sep 2023 - Aug 2025*

- Redesigned a legacy predictive data analysis dashboard, rebuilding the frontend in React with a responsive layout and clearer navigation
- Modified legacy UI across multiple projects, created designs and coded them into production-ready components
- Optimised and restructured backend routing API endpoints in Flask, improving response times and readability

### Lotte Chemicals Ltd.

IT Intern

*Apr 2022 - May 2022*

- Built an internal learning management system for employee training and knowledge sharing
- Optimized the existing commerce system, reducing page load time by 20%
- Developed a report generation module using Jasper Reports for internal data reporting

## Projects

### FYP - Alliance

Flutter, Firebase, 100ms, GetStream, Stripe

- Built a tutor-student matching platform in Flutter, supporting search by subject, location, and availability
- Implemented in-app messaging and video conferencing using GetStream and 100ms SDKs
- Integrated Stripe for test payments and Firebase as the backend, including auth and real-time data

### Spendrr

React Native

- Built a personal finance tracking app with budget setting, daily expense logging, and income management
- Added interactive charts to visualize spending patterns over time

### Carzaar

PHP, MySQL, Apache (LAMP)

- Developed a full-stack vehicle marketplace with listings, search, and transaction management
- Secured against SQL injection using parameterized queries throughout the backend

### FlavorFinder

Django, Python

- Built a restaurant recommendation system that predicts cuisine preferences from user-provided ingredients
- Compared 7 classification algorithms to determine the best-performing model for preference prediction

## Skills

**Programming Languages** Python, TypeScript, C/C++, JavaScript, PHP, SQL, Dart

**Frameworks** Django, React/Native, Node, Flutter

**Languages** English C1 (IELTS)

## Extracurriculars

### FAST - National University of Computer and Emerging Sciences

Head of Content Writing (ACM-AI | The WebMasters)

*Sep 2022 - Jun 2023*

- Wrote concise content to deliver clear information to the target audience in an engaging manner

### FAST - National University of Computer and Emerging Sciences

Student Teaching Assistant (Database Systems | Computer Networking)

*Sep 2022 - Jun 2023*

- Assessed students' coursework, assignments, and projects in a timely manner and provided feedback for their work

## Awards

**Dean's List, Fall 2022 Semester | 3.5 SGPA**

**Rector's List, Spring 2023 Semester | 4.0 SGPA**