Samarth Sanjay Joshi

ENGINEER (SOFTWARE DEVELOPMENT)

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📍 Saarbrucken, Saarland, Germany   in linkedin.com/in/samarth-joshi-3b1a7218b

Profile

A Master's student in Computer Science with a focus on designing and developing digital experiences. I combine skills in user experience design and software development to create practical solutions that meet both user needs and technical requirements. I have experience working through all stages of product development, from research and wireframing to building interfaces and systems. I also have experience with cloud infrastructure and data systems, providing a balanced approach to creating efficient solutions.

WORK EXPERIENCE

06/2024 – present
Saarbrucken, Germany

Research Assitant
Universität des Saarlandes, Saarbrucken,Saarland
- Contributing to an interdisciplinary AI-in-Education research initiative, with a focus on enhancing digital learning experiences.
- Actively involved in course development and instruction for Data Visualization and **Tableau**, guiding students in translating complex data into intuitive visual formats.
- Designed and created an interactive dashboard to track and highlight current AI trends in education.
- Collaborated closely with faculty and students to align research outputs with educational needs.
- Worked simultaneously on fullstack development, building scalable and user-friendly web applications with tech stack **React,Typescript, ASP .NET, and SQL**, ensuring seamless integration between frontend and backend systems.

01/2024 – 03/2024
Delhi, India

Data Analyst Intern
PrepInsta Pvt ltd, Delhi, India
- Worked on various data analysis and visualization projects using Python (Pandas, Matplotlib, Seaborn, Plotly), increasing data insights accuracy by 35%.
- Created visually appealing and interactive dashboards with Tableau, leading to a 25% reduction in decision-making time for stakeholders by providing clearer data representations.

09/2023 – 01/2024
Bangalore, India

Software Developer Intern
Huawei Technologies Private Limited, Bangalore, India
- Focused on input validation, bug fixing, and thorough testing, reducing system errors and bugs by **20%**, ensuring a seamless user experience.
- Delivered optimized, efficient code for both backend and frontend, improving application performance and responsiveness by **10%**.

08/2023 – 09/2023
Mumbai, India

UX Research And Design Intern
Suven Consultants and Technology Pvt Ltd, Mumbai,India
- Conducted usability testing with 150+ users, iterating on design insights to enhance user engagement and interface satisfaction.
- Applied user feedback to improve overall usability, refining design based on actual user behavior improving adaptiblity for 200+ actual end users.

07/2022 – 08/2023 Pune, India	**System Engineer (Information Technology)** *Tata Consultancy Services, Pune, India* • Collaborated with **British Telecom** and financial institutions to resolve issues, reducing system downtime by 3**5%** across client systems. • Contributed to system updates and performance checks across middle east, europe, asia and north america regions, improving client system stability by **30%** and minimizing defects.

EDUCATION

2024 – Present Saarbrucken, Germany	**Master's Degree- Computer Science/Informatik** *Universität des Saarlandes, Saarbrucken, Saarland*
2018 – 2022 Pune, India	**Bachelor of Engineering (Computer)** *Savtribai Phule Pune University, Pune, India* Bachelor Thesis: Training And Placement Portal Developed a web-based portal to streamline job placement and industrial training processes. The system is actively used by the university, with over 500 students enrolled. Demonstrated full-stack development, user-centric design, and deployment skills.

SKILLS

Programming
Python, Java, C# ,C++, JavaScript, HTML, CSS, C

Frontend and Backend
React.js, Next js, ASP .NET, MongoDB, SQL, Prisma, Node JS, Express JS,

Web & UI/UX Tools
Figma, Adobe XD, UI/UX Design, Responsive Web Design, Miro

Cloud Platforms & DevOps
Microsoft Azure, Git, GitHub,

Data & Visualization
Pandas, Matplotlib, Seaborn, Plotly, Tableau

Software & Productivity Tools
MS Office (Excel, Word, PowerPoint), VS Code, IntelliJ, Postman

Concepts & Methodologies
Software Development Lifecycle (SDLC), Object-Oriented Programming (OOP), Agile, User-Centered Design, Machine Learning

LANGUAGES

English
C1 - Expert

German
A2 – Basic Proficiency
Actively learning and enrolled in ongoing coursework and committed to achieving B2/C1 proficiency.

CERTIFICATES

• Microsoft Azure administrator associate (AZ-104)

• Figma UI/UX web design and animation with six projects by Udemy

• Python for data science and Big data foundations-1 by IBM

• Big data analytics with Hadoop and Apache spark by Linkedlin Learning

• Foundations of user experience (UX) design by Google

• Introduction to IT Artificial Intelligence by Coursera

• Google IT support by Coursera

Organisations

Rotaract Club of Mid-East NGO, Pune, India
Associate Member
Led initiatives for over 10,000 beneficiaries including school refurbishments and food drives.

Educoin NGO, Nashik, India
Supported health and education projects impacting 5000+ children under poverty.