

# Naaima Shafiq

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## PROFESSIONAL SUMMARY

Full-stack Python engineer with 5+ years' experience designing, building, and deploying production web applications and REST APIs (FastAPI), from rapid prototyping through to release. Strong problem-solver who partners closely with business stakeholders to translate requirements into working software, with hands-on experience across Python/FastAPI, Tableau reporting, and Red Hat OpenShift deployments. Curious about emerging technologies, including AI-assisted development.

## EXPERIENCE

Sep 2023 – Sep 2025

**Software Engineer, Infineon Technologies GmbH**, Villach, Austria.

- Delivered 3–4 full-stack web applications end-to-end (Python/FastAPI backend, React/Node.js frontend), from design through production deployment, supporting 50–80 internal users across engineering and business teams.
- Designed and implemented backend services and REST APIs using Python and FastAPI for internal web-based applications.
- Built data processing and manipulation modules within Python codebases to support automation, reporting, and business workflows.
- Built and maintained 4+ Tableau dashboards used for weekly performance reviews and trend analysis, replacing manual reporting and saving an estimated 10–20 hours per month.
- Resolved production issues within 24–48 hours, maintaining high system uptime and reducing recurring defects through proactive diagnostics and continuous improvement.
- Designed and maintained test and staging environments, including Red Hat OpenShift-based deployments, to validate releases before production.
- Used Bitbucket for version control, code management, and collaborative development workflows.

Aug 2020 – Feb 2021;  
Jan 2023 – Aug 2023  
(career break for  
maternity leave, Mar  
2021 – Dec 2022)

**Web Developer, University of Innsbruck**, Innsbruck, Austria.

- Gathered technical and user requirements for research software tools.
- Developed and maintained project documentation, including functional specifications, technical reports, and workflow diagrams, to ensure clarity and accessibility for researchers and collaborators.
- Designed and executed test cases to validate software functionality, ensuring research tools met performance and reliability standards.
- Collaborated with professors, researchers, and students to gather requirements and translate them into actionable documentation and test scenarios.
- Managed and maintained websites for multiple research projects.

## Earlier Professional Experience

Nov 2018 – Feb 2020

**Backend Developer, Opportunities Circle**, Islamabad, Pakistan.

- Developed and maintained backend APIs and services for a production digital platform in a fast-paced startup environment.

Mar 2018 – Oct 2018

**React Native Intern, ScanTrust**, Shanghai, China.

- Contributed to the development of cross-platform mobile applications using React Native in an international team.

Aug 2017 – Apr 2018

**Android Developer, iFast Solutions**, Peshawar, Pakistan.

- Developed Android applications with location-based features and performance optimizations.

## EDUCATION

**BSc. Software Engineering** — Iqra National University, Peshawar, Pakistan

Coursework: Human Computer Interaction, Web, Data Structures

**Graduate-Level Coursework, Software Engineering** — Universität Innsbruck, Innsbruck, Austria (2021–2022)

- Data Analysis II: Information Retrieval & Full-Text Search
- Software Engineering Project

**Additional Accredited Courses** — Management Center Innsbruck (MCI), Winter School 2020/2021

- Digital Marketing – An Introduction
- Innovation & Start-Up

- Digital Entrepreneurship

## SKILLS

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**Languages:** Python, JavaScript, SQL

**Frameworks:** FastAPI, React, Node.js, jQuery

**Databases:** MySQL, SQL Server

**Cloud & Platforms:** Red Hat OpenShift

**Visualization:** Tableau

**Styling:** HTML/CSS, Bootstrap

**Tools:** Git, Bitbucket, VSCode, PyCharm, Jupyter Notebook, Android Studio

**APIs & Workflows:** REST APIs, CI/CD (working familiarity), Agile collaboration

**Project Management:** Trello, Jira, Confluence

**Communication:** Slack, MS Teams, Webex

**Spoken Languages:** English (fluent), Hindi (fluent), German (A1)

## ADDITIONAL INFORMATION

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**Work Authorization:** Austrian Work Permit — Rot-Weiß-Rot Karte plus

**Driving Licence:** Class B

**Interests:** Photography, Painting, Badminton, Hiking