

SKILLS

- **Proficient:** Python, JavaScript, React.js, MongoDB, MySQL, HTML5, Tailwind CSS, Git
- **Intermediate:** Node.js, Express.js, REST API, AWS, Software Testing, CI/CD, AI/ML Algorithms
- **Beginner:** Docker, GCP, Figma, Adobe XD, Photoshop

EDUCATION

Masters in Data Science – University of Potsdam

Oct 2023 – Aug 2024

- **Relevant Coursework:** Stochastics, Data Science and Business Analytics, Advanced NLP, Machine Learning, Research Software Engineering

Bachelors in Computer Science – Quaid-i-Azam University

Sep 2018 – July 2022

- **Relevant Coursework:** Data Structures & Algorithms, Artificial Intelligence, Analysis & Design of Efficient Algorithms, Machine Learning, NLP, OOP

CGPA: 3.8/4.0

WORK EXPERIENCE

Web Developer – Self Employed

Feb 2023 – Jun 2024

- Created and launched websites for local businesses, expanding their customer reach.
- Built a multi-lingual medical tourism website for De-Tur Agency, resulting in a **35%** increase in tourist engagement.
- Developed an Expiry Management System for a pharmacy, optimizing inventory, and ensuring regulatory compliance, which minimized financial losses by **70%**

Teaching Assistant | OOP & Web Development – Quaid-i-Azam University

Sep 2022 – Feb 2023

- Delivered lectures and created tutorials on C++, HTML, CSS, JavaScript, PHP, SQL, UML Modeling and Heroku
- Helped **65+** students gain a deeper understanding of concepts introduced in lecture, using a non-direct approach
- Administered and graded weekly quizzes and proctored Midterm exams
- Designed weekly material, lesson plans, and weekly homework assignments that averaged a **90%** completion rate.

Software Engineer Intern – Quaid-i-Azam University

Jan 2021 – Jun 2022

- Collaborated on an industrial research project “**Optimal Route Planning using Artificial Intelligence**” for TCS Express
- Developed a comprehensive Last Mile Delivery Management System ([Link](#)) module using PHP Laravel, MySQL, JS, and Heroku after gathering requirements visiting TCS delivery hubs, wrote SRS, created design and documentation
- Wrote Python scripts to generate accurate geo-locations datasets for model training using Google Maps APIs
- Automated Consignment Delivery sheet generation process, driver-vehicle assignment, and sending data to driver’s mobile app for route visualization, thereby reducing the delivery times by **35%**

PROJECTS

Dev Jobs Portal – React.js, Node.js, Express, MongoDB, Tailwind CSS

<https://github.com/sa/DevJobs/>

- Developed a website that enables developers to search and apply for jobs, while employers can register and post jobs
- Integrated a search and filtering system that improved job search efficiency by **40%**, allowing users to filter jobs easily

Simple-Convert – React.js, ExchangeRate-API, Tailwind CSS

<https://simplconvert.vercel.app/>

- Developed a real-time currency conversion app with **95%** accuracy, handling **200+** conversions in the first month.
- Integrated links to **6** money-transfer platforms, boosting user engagement by **30%**

Nike Home Page – React.js, Tailwind CSS

<https://nike-outlet.vercel.app/>

- Created a single-page website showcasing new shoe editions including prices, models, ratings, and special offers.
- Designed an engaging user experience with a mega footer and a reviews section to enhance customer interaction.

De-Tur Agency – Webflow, HTML5, CSS3, JavaScript

<https://de-tur-agentur.com/>

- Created a comprehensive medical tourism website from design to deployment increasing **35%** tourist engagement
- Designed Figma wireframes from sitemap, added multi-lingual support, advanced animations, and contact forms