

MUSTAFA ASIF

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SKILLS

Development Tools and Frameworks: Angular | ReactJS | React Native | Flutter | Node.js | Express.js | MongoDB | SQL | GraphQL | Jest | Cloud Firestore | GitHub | GitLab | GitLab CI/CD | Docker | Confluence
Programming/Markup Languages: JavaScript | TypeScript | Python | C++ | Java | Dart | HTML | CSS

EDUCATION

- Technical University of Munich, Master's in Informatics** - Germany Oct 2022 – Present
Relevant Courses: Patterns in Software Engineering | Requirements Engineering | Cloud Computing | Cloud Information Systems
- Lahore University of Management Sciences, Bachelor's in Computer Science** - Pakistan Aug 2017 – May 2021
Relevant Courses: Software Engineering | Databases | Human-Computer Interaction | Advanced Programming | Algorithms
- Nixor College, Cambridge International A-Levels** - Pakistan Aug 2015 – June 2017

PROFESSIONAL EXPERIENCE

- Full-Stack Software Engineer (Hiwi), TUM** - Germany April 2023 – Present
- Developing and maintaining ASTRA, a MERN application designed to streamline the tutor recruitment process for TUM's School of Computation, Information, and Technology.
 - Enhanced the application's usability and maintainability by improving its documentation.
 - Successfully transitioned multiple class-based components to efficient and modern functional components.
- Frontend Software Engineer, Motive** - Pakistan June 2022 – Sep 2022
- Developed and maintained a Fleet Management Dashboard using **Angular 13**, **Webpack**, **Angular Ant Library**, and **Sass**.
 - Contributed to backlog grooming, estimation, and sprint planning using Jira.
 - Collaborated with product, design, and backend teams to discuss requirements for future projects and innovations.
 - Ensured pixel-perfect UI development from Figma designs, wrote modular and maintainable code and actively participated in code reviews.
- Software Engineer, Arbisoft** - Pakistan May 2021 – May 2022
- Developed a mobile application using **React Native** and **Redux** for Jobcase, a marketplace with 130+ million users.
 - Improved application performance by identifying and resolving bugs, resulting in a **~35%** reduction in app load time.
 - Led a team of 4 members to implement major features in an Agile environment, following test-driven development.
 - Redesigned and restructured the entire Jobcase application, with only a **5%** increase in app bundle size.
- Software Engineer Intern, Laam** - Pakistan Feb 2021 – Apr 2021
- Collaborated with a team of 6 engineers to maintain the vendor management application using **Flutter** and **Firebase**.
 - Automated the product listing process for registered clothing vendors, resulting in the elimination of inconsistencies in product quantities and an **~85%** reduction in reverting customer purchase orders.

PROJECTS

- Real-Doctor, ReactJS, TypeScript, Bootstrap | Node.js, Express.js | MongoDB | Heroku** Nov 2020 – May 2021
- Collaborated in a 2-member team to develop a web application to combat the presence of fake doctors in Pakistan.
 - Empowered users to report suspicious activities and search for genuine doctors registered with the Medical Council PK.
- Project Avocado, React Native | Google Maps | Stream | SQL | Adobe XD** Oct 2019 – Mar 2020
- Developed a mobile application using React Native that facilitated freelancers in registering and bidding on projects.
 - Implemented in-app messaging for efficient communication between clients and freelancers.
 - Integrated Google Maps functionality to enable clients in locating freelancers within their specified radius.

LEADERSHIP

- Treasurer - Innovation and Design Society (INDEX), LUMS June 2020 – May 2021
Teaching Assistant - Introduction to Programming (CS 200), LUMS Jan 2019 – May 2020
Volunteer - Teach for Change, LUMS Community Service Society June 2017 – Dec 2019