

Akash Ur Rehman, Software Engineer

Mandi Bahauddin, Punjab, Pakistan

+92 349 4611282 ✉ akashurrehman456@gmail.com 🔗 [linkedin.com/in/aakashurrehman/](https://www.linkedin.com/in/aakashurrehman/)

EDUCATION

COMSATS University of Information and Technology **Sep 2019 – May 2023**
Bachelor of Software Engineering with Honors (GPA: 3.17) *Lahore, Punjab*

District Jinnah Public College **Sep 2017 – May 2019**
Intermediate (F.Sc) Pre-Engineering (Percentage: 75%) *Mandi Bahauddin, Punjab*

Relevant Coursework

- Data Structures
- Algorithms Analysis
- Data Science
- Software Methodologies
- Database Management
- System Programming
- Cloud Computing
- Software Testing
- User Experience (UX) Design

WORK EXPERIENCE

LIAMCREST **SEP 2023 - PRESENT**
Frontend Engineer, Junior *Phoenix, USA*

- Building responsive and user-friendly web interfaces using React.js and Next.js, enhancing user engagement and accessibility.
- Working closely with backend developers to integrate APIs, ensuring seamless data flow and optimal performance
- Implementing performance improvements, resulting in a 20% reduction in load times and increased application efficiency.
- Performing user testing and gathering feedback to refine and enhance user interfaces, leading to a 15% increase in user satisfaction.

INFOTECH **JAN 2022 - DEC 2022**
MERN STACK DEVELOPER, Junior *Lahore, Pakistan*

- Engineered scalable web applications using MongoDB, Express.js, React, and Node.js, enhancing the user experience and performance by 30%.
- Worked closely with UI/UX designers, backend engineers, and product managers to deliver robust solutions, improving project completion times by 15%.
- Designed and integrated RESTful APIs, streamlining data flow between the front-end and back-end systems, reducing server response time by 25%.
- Refactored legacy code to improve maintainability and performance, reducing technical debt by 20%.

Projects

Blood Donation Web Application | JavaScript, Java Spring, Python **January 2023**

- Developed a comprehensive web application to facilitate blood collection and donation using modern web technologies.
- Integrated advanced Ontology and WEB-3 concepts to ensure secure and decentralized data management, increasing data integrity by 40%.
- Implemented a machine learning model using Python for assessing user donation eligibility, enhancing the accuracy of eligibility determinations by 30%.
- Developed robust backend services with Node.js, Express.js, and Java Spring, ensuring efficient and scalable operations.

Ionic Places Booking Application | React Native, Firebase **September 2022**

- Developed a mobile application to simplify booking for global destinations, enabling users to search and save their favorite places.
- Implemented strong authentication and authorization mechanisms, ensuring secure access to user accounts and data.
- Utilized Firebase for efficient data management, providing real-time updates and improving overall user experience.
- Integrated additional features such as personalized recommendations and booking history, enhancing the app's functionality and usability.

Transaction Management GUI | Java, Eclipse, JavaFX **June 2021**

- Designed a sample banking transaction system using Java to simulate the common functions of using a bank account.
- Used JavaFX to create a GUI that supports actions such as creating an account, deposit, withdraw, list all accounts, etc.
- Implemented object-oriented programming practices such as inheritance to create different account types and databases.

Technical Skills

Languages: Python, Java, HTML/CSS, JavaScript, SQL, NOSQL

Developer Tools: VS Code, Eclipse, Google Cloud Platform

Technologies / Frameworks: Linux, GitHub, Junit, WordPress, React.js, Next.js, Node.js, Express.js, Firebase, Java Spring, RESTful APIs, GraphQL, Redux, Microsoft Office

Version Control: Git, GitHub

Cloud Services: AWS, Google Cloud Platform, Firebase

Leadership / Extracurricular

University Coding Club **Fall 2020 - Spring 2022**
Vice President *COMSATS University of Information & Technology*

- Organized bi-weekly coding workshops and hackathons, increasing member participation by 50%.
- Collaborated with local tech companies to secure sponsorships and guest speakers for club events.
- Developed and maintained the club's website using HTML, CSS, and JavaScript, providing information and resources to over 200 members.