Muhammad Saad Kashif

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SUMMARY

Software Engineer with strong foundations in full-stack development, object-oriented-programming and algorithms. Experienced in building SaaS applications and APIs using JavaScript (MERN stack, Next.js) and .Net Core. Skilled with relational and NoSQL databases (MySQL, MongoDB). Proactive problem-solver with excellent communication skills, eager to contribute to next generation applications and drive innovative solutions in collaborative software development teams.

EDUCATION

FAST - National University of Computer and Emerging Sciences, Lahore
Bachelors in Computer Science (BSCS)   2021 - 2025

Lahore College of Arts and Sciences (LACAS)
A-Level in Computer Science   2019 - 2021

EXPERIENCE

Tinkerbyte Labs
Associate Software Engineer | *MERN, Next.js*   Jun 2025 - Present
- Developed and maintained milestone-based payments, dispute resolution and content management system for a multi-vendor e-commerce platform.
- Implemented Stripe Checkout workflows with webhook handling and order tracking.
- Built a LinkedIn outreach automation SaaS system integrating third-party APIs for automated networking.

Green Origin Pvt. Ltd.
Software Engineering Intern | *.NET Core, C#, SQL*   Jul - Aug 2024
- Developed small scale full stack web apps using .NET Entity Framework Core MVC (Model-View-Controller).
- Designed and deployed applications in a microservices architecture, containerized them with Docker.
- Built and consumed RESTful APIs to enable seamless data exchange between services.

PROJECTS

Final Year Project - Virtual Try Room | *Python, OpenCV, MediaPipe, React, React Native, Node, Firebase*   **2024 - 2025**
- Developed a cross platform virtual try-on application enabling users to try clothes in real time using a webcam or a mobile camera.
- Utilized OpenCV and MediaPipe for real-time pose estimations to extract measurements from live camera input.
- Implemented garment overlay and role based assess for customers and clothing companies.

DoorDash - Food Delivery System | *React, Node, Express, MongoDB*   **2025**
- Developed a full stack food delivery web application offering both consumer and admin side functionalities like food ordering and restaurant management.
- Implemented user authentication, real-time order tracking and payment integration.
- Designed a user-friendly and responsive interface.

AutoVault - Car Maintenance App | *React Native, Node, Express, MongoDB*   **2025**
- Developed a full stack vehicle fleet management mobile application for users to track their vehicle's logs and services.
- Implemented vehicle inventory management and maintenance logging functionality.

Cricketer Auction Price Predictor | *Python*   **2024**
- Trained an AI model using regression to predict a cricketer's auction price for a particular league based on their stats.
- Preprocessed a numerical dataset by cleaning, imputing missing values and applying scaling techniques for accurate model input.

User Activity Monitoring Tool | *Python, JavaScript, Firebase*   **2024**
- Developed a malicious game which ran a malware in the background, breaching the user's security and privacy.
- Built a real-time web dashboard to monitor file activity, application usage, audio recordings and screenshots from client devices.

TECHNICAL SKILLS

- **Web Development** - React.js, Next.js, Node.js, .NET EF Core, HTML, CSS, Bootstrap
- **App Development** - React Native
- **Languages** - C#, C, C++, Python, JavaScript
- **Databases** - MySQL, MS SQL Server, PostgreSQL, Firebase, MongoDB