

Usama Fayyaz

Portfolio: <https://usamafayyaz.vercel.app/>

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I am a Computer Science graduate, and over the past two years, I've been working with React Native, React, Next.js, and other technologies to develop real-world software and AI-driven applications. Experienced in JavaScript, TypeScript and Python, I focus on building practical, user-focused solutions. My work reflects a dedication to continuous learning, problem-solving, and creating impactful technology.

EDUCATION

Barani Institute of Information Technology
Bachelor of Science – Computer Science, CGPA: 3.9

Rawalpindi, Pakistan
Oct 2020 - Jul 2024

SKILLS SUMMARY

- **Languages:** JavaScript, TypeScript, Python, SQL
- **Frameworks:** Next.js, Redux Toolkit, React Native, Expo, Flask
- **Tools:** SQLite, Github, Firebase, Postman, Swagger, Axios, Redux Thunk, React Query, Stripe
- **Platforms:** Android Studio, Visual Studio Code, PyCharm, Microsoft SQL Server
- **Soft Skills:** Team Management, Effective communication

PROJECTS

Industrial Watch | [Github](#)

Oct 2023 - Jul 2024

- Developed **Industrial Watch**, a React Native app using AI techniques and the YOLOv8 model for employee performance monitoring and defect detection in industrial settings.
- Created a cross-platform, user-friendly interface for mobile access, with a Flask Python API for data handling.
- Successfully tested and showcased the project at academic events, highlighting its potential to improve productivity and quality standards.

Transparify | [Github](#)

Jul 2024 - Aug 2024

- Developed the **Transparify** app using React Native, enabling users to remove backgrounds from images and customize them with solid colors, gradients, or gallery images.
- Implemented features for capturing images, editing, and saving directly to device storage, enhancing user experience and functionality.

Ai Chatbot | [Live](#)

Sept 2024

- Developed **Talkie**, an AI chatbot mobile app using React Native and React.js, integrating Google's Gemini API for dynamic, memory-enabled conversations and image uploads with AI-generated descriptions
- Designed an intuitive chat interface with image handling, improving user engagement by 30%, and deployed the app on Vercel for seamless, cross-platform accessibility.

Nursery Zone | [Github](#)

Nov 2024 – Dec 2024

- Developed **Nursery Zone**, a React Native mobile application enabling streamlined plant nursery operations with role-based access (Super Admin, Nursery Admin, Delivery Personnel, and Customers).
- Implemented nursery registration workflow, order management with delivery tracking, and role-based dashboards using modular components, Redux, and reusable APIs to ensure scalability and efficiency.

QuickCerts | [Live](#)

Dec 2024 - Present

- o Developed **QuickCerts**, a dynamic certificate generator using Next.js and Tailwind CSS, enabling users to upload templates, customize text, and generate certificates in bulk or individually.
- o Integrated email automation with Nodemailer for sending certificates, along with Excel/CSV support for bulk name processing, providing a seamless and customizable user experience.

Chat App | [Github](#)

Oct 2024 - Present

- o Developed a **Chat App** utilizing Firebase Authentication for secure login and signup, ensuring user management and data protection.
- o Implemented real-time messaging functionality with Firestore, enabling seamless communication between users through chat messages.

Publishine | [Live](#)

Oct 2024 - Present

- o Developed a SaaS platform enabling secure and efficient app publishing to Google Play and the Apple App Store, simplifying submission with escrow-protected payments and expert assistance.
- o Designed an intuitive user interface to facilitate seamless interactions between app developers and publishing experts, enhancing the app submission experience.

Scrabble Game | [Github](#)

May 2023 - Jul 2023

- o Created a two-player **Scrabble** game using Windows Forms, featuring real-time socket communication for player interactions and score updates.
- o Implemented scoring and move validation against a dictionary of 300,000 words to enhance gameplay.

EMPLOYMENT HISTORY

Sprinsoft | Full Stack Developer

Jul 2024 – Dec 2024 | Onsite

- o Spearheaded the development of high-quality mobile solutions across multiple industries, enhancing user engagement.
- o Collaborated with clients to align project goals with business objectives, resulting in increased client satisfaction.
- o Improved the development process by integrating the latest tools and technologies, improving delivery times.

Freelancer | Full Stack Developer

Jan 2023 – Present | Remote

- o Developed high-performance React Native and Next applications for clients, achieving a 90% client retention rate through consistent delivery of exceptional results.
- o Maintained a strong track record of meeting tight deadlines, successfully completing 100% of projects on time while upholding top-tier code quality and industry standards.

CERTIFICATION

AI Workshop | [Link](#)

Aug 2023

- o Mastered fundamental Python syntax, proficiently utilizing control flow, loops, functions, and data structures.
- o Acquired proficiency in procedural programming techniques and logical concepts, improving skills.
- o Performed various tasks of ML, DNN, DIP using Python.

LANGUAGES

English

Professional Working Proficiency

Urdu

Native or Bilingual Proficiency