Muhammad Bilal Yousaf
Full Stack Developer

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Full-Stack Developer with 3+ years of experience delivering **scalable SaaS applications** using **React, Next.js, Node.js, and MongoDB**. Skilled in **secure storage, AI-powered search (prompt & suggestion-based), and Stripe payment systems**. Experienced in **Vue.js, Strapi, GraphQL, and AWS**. Strong focus on **building maintainable, high-performance solutions** and collaborating effectively with **clients and cross-functional teams**.

Work Experience

Crewlogix Technologies

Lahore, Punjab, Pakistan • 06/2025 - Present

Full Stack Software Engineer

Full-time

Tech Stack: Next.js, Vue.js, React, Node.js, Express, Strapi, REST APIs, GraphQL, MongoDB, MySQL, Stripe, Tailwind CSS, Ant Design, SASS, Git, AWS, PM2

- Enhanced **system stability and performance** by optimizing storage modules.
- Implemented **AI-based Fully Homomorphic Encryption (FHE)** and **standard encryption protocols** to secure files and folders.
- Developed **file and folder management features** including upload, sharing, permissions, and custom actions.
- Improved **UI/UX design**, resulting in a more intuitive and user-friendly platform.
- **Developed AI-powered search modules** (prompt & suggestion-based) to deliver **faster, more relevant results**, improving **user discovery efficiency**.
- Ensured **data security and relevance** in AI-driven search outputs.

Skills

Frontend

- React
- Next.js
- Vue.js
- JavaScript
- TypeScript
- Tailwind CSS
- Ant Design
- Shadcn
- SASS
- Recoil
- Bootstrap

Backend

- Node.js
- Express.js
- Strapi
- REST APIs
- GraphQL

Databases

- MongoDB
- MySQL
- SQL

Payments & Security

- Stripe
- Encryption (FHE & Standard)

- Contributed to **frontend development** by acquiring and applying **Vue.js** skills.
- Participated in **weekly client meetings** to deliver progress updates, gather feedback, and align development with business needs.

GTek Solutions

Lahore, Punjab, Pakistan • 11/2022 - Present

Full Stack Software Engineer

Tech Stack: Next.js, React, JavaScript, Recoil, Node.js, Strapi CMS, REST APIs, GraphQL, Stripe, MongoDB, MySQL, Tailwind CSS, Ant Design, Shadcn, SASS, Git, AWS, PM2, Figma, Adobe XD

- **Gripped modern technologies** like **Next.js**, **Strapi**, **GraphQL**, **Sass**, **Recoil**, **Tailwind CSS**, and **Ant Design** to develop scalable, robust full-stack solutions.
- Started working on **Next.js** after R&D and transitioned into building client projects.
- Developed **FBR** project using a **Stripe** backend, followed by its sibling project **NBR**, applying advanced **state management** techniques with **Recoil** and ensuring optimal user experience.
- Led the frontend development of the **PreLabs** project, incorporating **React.js** and **Next.js** to deliver high-quality, responsive UI components.
- Worked on the main product, **Home School Panda (HSP)**, and developed the **Chores module** from scratch using **Recoil** for state management. Ensured seamless interaction between frontend and backend systems.
- Handled user-related issues and maintenance for **HSP**, including resolving **DST-related bugs**, improving the user experience across different time zones, and providing ongoing bug fixes and support for existing features.
- Transitioned to the **New Wave Car Wash** project, where I implemented animations and designed the UI according to **Figma** and **Adobe XD** designs.
- Integrated **Stripe** payment solutions for the **New Wave Car Wash** project, including features for **subscriptions**, **one-time payments**, **cancellation**, and **webhook** handling.

DevOps & Tools

- AWS
- PM2
- Git
- Agile/Scrum

Education

Bachelor of Science in Information Technology

University of the Punjab
10/2017 - 07/2021

Projects

Happhi

https://app.appuix.com/

SaaS platform with AI-powered search and secure file storage (FHE encryption).

HSP (Home School Panda)

https://app.homeschoolpanda.com/

Built the "Chores" module from scratch, enhancing user engagement for 10K+ families.

New Wave Car Wash

https://www.newwavecarwash.com/

Implemented Stripe subscription billing and designed UI from Figma/Adobe XD.

- Developed backend services using **Node.js** and **Strapi CMS** to support efficient content management and GraphQL data queries for optimized performance.
- Managed **AWS EC2** deployments for the development environment, utilizing **PM2** for process management and ensuring uptime stability.
- Worked in **Agile methodologies**, collaborating effectively across teams to ensure timely delivery of sprints and continuous improvements in project quality.
- Produced clean, maintainable, and scalable code, focusing on high performance and robust architecture across all projects.
- Ensured **maintaining code quality** and improved **resource utilization** through initiatives to reduce rework and costs.
- Utilized **Git** for version control and collaborative development processes.
- Gained hands-on experience with both **SQL** and **NoSQL** databases for flexible, efficient data storage solutions.
- Eager to expand expertise in **DevOps** practices and pursue further certification as a **DevOps Engineer**.

Technic Mentors

Gujranwala, Punjab, Pakistan • 07/2021 - 11/2022

Full Stack Developer

Tech Stack: Laravel, React, JavaScript, C#, SQL, HTML, CSS, Bootstrap

- Started as an intern and contributed to the development and deployment of a **complete POS system** using **Laravel 8**, **SQL**, and **Blade templates**, migrating functionality from a **C# desktop POS application**.
- Promoted to **Junior Developer**, continuing to enhance the POS system, adding new features and improving its performance.
- Built **interactive front-end components** using **React** to enhance user experience for internal tools.
- Developed and deployed several **static websites** using **HTML, CSS, Bootstrap, React.js and JavaScript** for clients, ensuring high-quality design and responsive layouts.

PreLabs

https://www.prelabs.com/

Led frontend in React/Next.js to deliver high-quality, responsive UI components.

FBR (Foundation of Biomedical Research)

https://fbresearch.org/

Developed Stripe-integrated donation/payment platforms with advanced state management using Recoil.

NABR (National Association of Biomedical Research)

https://www.nabr.org/

Developed Stripe-integrated donation/payment platforms with advanced state management using Recoil.

Capobiz (POS)

https://pos.technicmentors.com/

Built a complete POS system using Laravel 8 and SQL, migrating from a legacy C# desktop app.

- Deployed applications on **cPanel**, ensuring proper configuration and smooth operation of Laravel-based applications in production.
- Collaborated with senior developers to follow best practices, troubleshoot issues, and write clean, maintainable code.