

Abu Bakar Bin Khalid

Full Stack Developer

Location: Islamabad, Pakistan

Email: abubakar.80187@gmail.com

Phone: +92 335 8040661

Linkedin: [abu-bakar00](#)

Summary: Full-Stack Developer with over **3 years** of experience specializing in the MERN stack, Next.js, and modern development tools. Proficient in developing scalable APIs, designing user-friendly interfaces, and delivering responsive web applications. Focused on creating efficient, high-quality, and maintainable software solutions for dynamic environments.

Technical Skills:

Frontend: ReactJS, NextJS, TailwindCSS

Backend: NodeJS, ExpressJS, PHP

Languages: TypeScript, JavaScript, PHP

Databases: MongoDB, MySQL, PostgreSQL

Frameworks & CMS: WordPress

APIs & Architecture: RESTful APIs, Microservices

DevOps & Tools: CI/CD Pipelines

Education:

BS. Information Technology, PMAS Arid Agriculture University Rawalpindi.

Full Stack Developer | Billing Care Solutions (December 2024 – Present)

Project: Mail Merge Automation System

- Developed a Mail Merge Automation System using **Next.js**, **Supabase**, and **Cloudinary**, enabling seamless generation and management of personalized emails.
- Streamlined workflows, and dynamic template handling, resulting in enhanced operational efficiency and **automated bulk communication**.

Project: Credentialing Management System

- Developed app using **Next.js**, **Postgresql**, and **Cloudinary**, enabling seamless verification and management of professional credentials.
- Handled bulk data for Providers and Organizations offering billing services to doctors in the US.
- Streamlined workflows, ensured secure document storage, and tracked compliance, credentials expiration resulting in enhanced operational efficiency.

Project: Document Generator

- Built a **Next.js** application that dynamically generates **.docx** files by replacing placeholders using **templating** with user-provided data, ensuring accurate, customized document creation.
- Enabled efficient, template-based workflows, improving document generation accuracy and overall system performance.

Full Stack Developer | UrbanloopTech (February 2022 – November 2024)

Project: EUKA.ai

- Enhanced a **TikTok script generation module** in **Next.js**, integrating **GPT-4** and **TokAPIs** for automated, personalized content creation.
- Automated **hashtag collection** and **video scraping** in **Supabase** using cron jobs, while refactoring a complex Python codebase for better readability and maintainability.

Project: Bntr.ai

- Integrated an **email bot chat** feature for real-time email-based interactions, enhancing communication within the application.
- Designed and implemented efficient **API endpoints**, utilizing **Redux** for state management and ensuring a smooth, responsive user experience.

Project: Plaswire

- Debugged and optimized 20+ **API endpoints** in a **Next.js** application, resolving issues related to data fetching, error handling, and performance.
- Improved system performance and reliability by enhancing API response times and ensuring smooth data flow.

Project: Comerzio

- Developed backend services for a **classified platform** using **NestJS**, **TypeScript**, **gRPC**, and **REST APIs** within a **monorepo architecture**, with **PostgreSQL** for data storage.
- Leveraged **microservices architecture** to ensure scalable, efficient service communication, enabling seamless interaction between services.

Project: Express Wellness Lab

- Built a user report platform with **React** and **Node.js**, implementing secure **OTP-based email sign-ups** for user authentication.
- Designed admin tools for efficient user and report management, allowing seamless access and permission control.

Project: Concluons

- Delivered a **multilingual real estate website** on **WordPress**, integrating advanced **search features** to enhance user experience.
 - Optimized the platform for **multilingual content**, catering to a diverse audience and improving the search functionality.
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Intern | Pakistan Telecommunication Company Limited (August 2019 – September 2019)

- Developed **ASP.NET websites** and handled deployment in IIS
- Managed **roles and policies** with **Active Directory**, ensuring secure login and access control.
- Set up **file sharing** using **FTP protocols**, streamlining collaboration and improving team access to shared resources.