

# Qamar Abbas - Software Engineer

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Backend-focused Full-Stack Developer with 4+ years of experience in the MERN stack, specializing in backend architecture and scalable API development. Proficient in building robust server-side logic, integrating modern frontend interfaces, and delivering high-performance web applications.

## Experience

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### Vaival Technologies

Software Engineer

Lahore, Pakistan

June 2023 – Present

- Led a team of 10 developers on the **TaskPay** project, delivering a secure, scalable platform using **Next.js**, **Nest.js**, and **Google Cloud Functions**.
- Led the development of custom **Shopify apps** using **Gadget.dev (Node.js-based platform)**, enabling seamless e-commerce integrations; increased merchant adoption by **40%** and reduced development time by **30%** through efficient platform utilization.
- Boosted page load speed by **40%** through advanced SSR techniques and frontend optimization with **Next.js**.
- Designed backend architecture to handle **thousands of concurrent users**, ensuring high availability and responsiveness.
- Integrated multiple payment gateways (**ACH**, **Wire**, **RTP**) via **IBANERA**, **NMI**, and **PayPal**, improving transaction success rate by **30%**.
- Streamlined KYC onboarding by **25%** using **Finclusive API**, and improved transaction security through **Fireblocks** integration.
- Utilized **Firebase** and **PostgreSQL** for real-time data synchronization, boosting system responsiveness by **35%**.
- Coordinated with international mobile development teams to ensure seamless cross-platform integration.
- Maintained a **98% sprint success rate** using agile methodologies with **GitHub** and **Jira**.

### Blinkers

Associate Software Engineer

Lahore, Pakistan

Jan 2021 – June 2023

- Developed a centralized **warehouse management system** integrated with **Amazon**, **Shopify**, and **Walmart**, reducing order errors by **40%** and streamlining inventory workflows.
- Built and maintained scalable web services using **Node.js**, **Express**, **React**, **MySQL**, **PostgreSQL**, and **MongoDB**, improving platform stability and performance.
- Integrated third-party APIs for **shipping**, **e-commerce**, and **payment gateways**, expanding operational capabilities and increasing platform reach by **50%**.
- Spearheaded backend optimizations that reduced **API response times** by **30%**, enhancing user experience and customer retention.

## Projects

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### Taskpay — Secure Service Contracting Platform

taskpay.com

- Built a scalable platform using **Next.js** and **Google Cloud**, supporting **thousands of real-time transactions weekly**. Integrated **ACH**, **Wire**, **RTP** payments via **IBANERA**, **NMI**, and **PayPal**, **increasing success rates by 30%**. Streamlined KYC onboarding by **25%** using **Finclusive API** and secured digital asset flows via **Fireblocks**.
- **Tools Used:** NEST Js, Next Js, GCP, FireBlocks, NMI, Paypal, Ibanera, Finculsive, Firebase, PostgreSQL

### Clone Hub —AI-Powered Digital Engagement Platform

clonehub.com

- Developed a SaaS product with **Next.js** and **PostgreSQL**, powering over **10,000 AI clones** for 24/7 audience engagement. Boosted user retention by **40%** with monetization via subscriptions and pay-per-use. Optimized performance for high concurrency and real-time data rendering.
- **Tools Used:** Nest Js, Next Js, PostgreSql

### AAA Protect — Comprehensive Protection for Commercial Drivers

portal.aaaprotect.com

- Engineered a full-service platform using **Next.js**, **Nest.js**, and **MongoDB**, serving **5,000+ commercial drivers**. Integrated **Stripe** for secure payment handling, increasing transaction success by **30%**. Improved operational efficiency by **45%** through backend and UI optimization.
- **Tools Used:** Nest Js, Next Js, MongoDB, Stripe

## Education and Technical Skills

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### University Of Sargodha, BS in Software Engineering

Aug 2015 – June 2019

- **Skills:** JavaScript, TypeScript, SQL, Node Js, Nest Js, Express Js, Microservices, GCP, AWS, Shopify, Gadget.dev
- **Databases:** MongoDB, PostgreSql, MySql, Firebase
- **Payment Integrations:** Paypal, Stripe, Ibanera, NMI, Fireblocks