

Muhammad Saqib Bilal

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SENIOR FULL STACK DEVELOPER

SENIOR FULL STACK DEVELOPER | **TYPESCRIPT** · **REACT** · **NEXT.JS** · **LARAVEL (API-FIRST)** · **AWS** · **DOCKER**

Summary: Full Stack Developer with a deep foundation in backend architecture, transitioning from a PHP-monolith background to a modern **TypeScript, Next.js, and API-first Laravel** stack. Proven track record in secure coding, TDD, and CI/CD automation. Committed to writing type-safe, enterprise-level code and mastering modern frontend architectures while maintaining high-performance backend systems.

TECHNICAL SKILLS

Languages & Frameworks:

BACKEND:

- PHP 8.3 (Expert), Laravel 11 (API-First), CodeIgniter, WordPress (Custom Plugin/Theme Development)

FRONTEND:

- TypeScript (Enterprise-level), React, Next.js 15, JavaScript (ES6+), Vue.js, jQuery.

WEB STANDARDS:

- HTML5, CSS3, JSON, AJAX

Databases & Caching:

RELATIONAL:

- PostgreSQL, MySQL (Optimization & Indexing)

NOSQL/CACHE:

- Redis, Memcached

DATA INTEGRITY:

- Prepared Statements (PDO), Schema Design

APIs & Integrations:

ARCHITECTURE:

- RESTful API Design (Headless/Decoupled), Microservices

TOOLS:

- Postman, JWT Authentication, OAuth.

THIRD-PARTY:

- Stripe API (Financial integrations), Google Maps & Calendar

DevOps & Deployment:

CLOUD:

- AWS (ECS, Fargate, ALB, RDS, S3, ECR)

INFRASTRUCTURE:

- Docker, Docker Compose, Linux CLI, VPC Networking

AUTOMATION:

- GitHub Actions (CI/CD pipelines), Linux CLI

VERSION CONTROL:

- Git, Git Workflows

Testing & Quality Assurance:

TESTING & DEBUGGING:

- PHPUnit (TDD - 80%+ coverage), Vitest (React testing), XDebug, Chrome DevTools

STANDARDS:

- PSR-12, Clean Code, Design Patterns (MVC, Repository)

PROFESSIONAL EXPERIENCE

APRICOT INC. — Markham, Canada

11/2024 — PRESENT

SENIOR FULL STACK DEVELOPER

- Architected and deployed an end-to-end decoupled ecosystem using **Laravel 12** as a headless API and **Next.js 15** for a high-performance, SEO-optimized frontend.
- Engineered a high-availability deployment pipeline using **AWS ECS (Fargate)** and **Application Load Balancer (ALB)**, automating containerized workflows via custom shell scripts and **GitHub Actions**.
- Implemented type-safe frontend components using **TypeScript**, reducing runtime errors and enforcing strict enterprise-level code quality standards.
- Provisioned and managed cloud infrastructure including **AWS RDS (PostgreSQL)** in private subnets and **S3** for secure, scalable data and asset management.
- Optimized application performance by transitioning from dynamic SSR to **Static Site Generation (SSG)** with **ISR**, reducing server load and achieving near-instantaneous page load times.

KALKOMEY — Toronto, Canada

11/2021 — 10/2024

SENIOR FULL STACK DEVELOPER

- Managed WordPress Multisite platforms, developing custom plugins and themes for high-traffic environments.
- Led code reviews and mentored junior developers on PSR standards, improving overall team code quality.
- Integrated complex payment systems using **Stripe** and **Laravel Cashier**, ensuring secure and reliable financial transactions.

BID13 — Toronto, Canada

06/2020 — 09/2021

PHP WEB DEVELOPER

- **Reduced page load times by 40%** through strategic MySQL indexing and frontend asset optimization.
- Engineered fraud detection systems using browser cookie tracking to prevent duplicate/fraudulent accounts.

ZAMEEN MEDIA — Lahore, Pakistan

01/2019 — 02/2020

SENIOR PHP (LARAVEL) BACKEND DEVELOPER

- Developed modular backend services in **Laravel** using **TDD** to ensure 80%+ code coverage.
- Integrated third-party REST APIs (Google Maps, Stripe, Authorize.Net) and utilized **AWS S3** for cloud-based file storage.
- Managed database design and migration from legacy SVN to **Git** version control systems.

EDUCATION & CREDENTIALS

Bachelor of Science in Telecommunications

NATIONAL UNIVERSITY OF COMPUTER AND EMERGING SCIENCES - LAHORE, PAKISTAN

Post Graduate Diploma in Computer Science

VIRTUAL UNIVERSITY OF PAKISTAN - LAHORE, PAKISTAN