

Shan Ali

Senior Software Engineer | Full-Stack (Laravel & Vue) | AI & DevOps Enthusiast

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PROFILE

Results-driven **Senior Full-Stack Developer** with expertise in **Laravel (PHP)** and **Vue.js (Vue 2 & 3)**, specializing in **scalable, high-performance applications** across **healthcare, education, travel, and workforce sectors**. Experienced in integrating **AI-powered solutions**, including **OpenAI-based agents** and **voice assistants**, tailored to project-specific requirements. Proven ability to **modernize legacy systems, optimize backend and frontend performance, and implement DevOps best practices** for enterprise applications.

Currently expanding **DevOps expertise**, implementing **Dockerized backend deployments, CI/CD automation, and AWS-based cloud infrastructures** for seamless, **zero-downtime releases**. Passionate about **building innovative, scalable applications** and excelling in **remote team collaboration**.

KEY SKILLS & TECH STACK

- **Backend:** Laravel (PHP), REST APIs, MySQL, Redis, NodeJS.
 - **AI & Voice Technology Integration** – OpenAI, VapiAI, BlandAI, OpenAI-SIP, OpenAI-WEBRTC, OpenAI Agents.
 - **Frontend:** Vue.js 2 & 3, JavaScript (ES6+), TailwindCSS, Bootstrap 4 & 5, ReactJS.
 - **Vue.js Ecosystem:** Vue Router, VueX, Pinia, Composition API, SPA Development.
 - **DevOps & Cloud:** CI/CD (GitHub Actions), Docker (Learning), AWS (S3, EC2, RDS, ECS), DigitalOcean, Linux Servers, New Relic.
 - **Version Control & Tools:** Git, GitHub, Bitbucket, GitLab, Cursor, PhpStorm.
 - **Legacy System Modernization:** Migrated legacy apps (CakePHP, Yii) to Laravel 10+ and Vue.js for improved scalability and maintainability. Upgraded Laravel versions (6 to the latest).
 - **Performance Optimization:** Reduced **API response time by 40-80%**, improved database query execution
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PROFESSIONAL EXPERIENCE

Brainx Technologies | Senior Software Engineer | 10/2020 – Present | Lahore, Pakistan

♦ Software Development & System Architecture

- **Developed & optimized** full-stack applications using **Laravel (PHP) & Vue.js**, improving performance & scalability.
- **Led system modernization** of **legacy systems (CakePHP/Yii to Laravel 10 + Vue.js)**, improving maintainability.
- **Implemented & maintained CI/CD pipelines** using **GitHub Actions**, reducing deployment failures by **80%**.
- **Optimized backend performance**, reducing API response time by **40-80%** through query optimizations.

♦ Technical Leadership & Team Collaboration

- **Managed & mentored** a team of **5+ Laravel developers**, improving productivity by **30%**.
- **Conducted code reviews & technical training**, ensuring high-quality code standards.
- **Collaborated with cross-functional teams** (QA, DevOps, UI/UX) to align development with business goals.

♦ DevOps & Cloud Contributions

- **Set up cloud infrastructure on AWS** (S3, EC2, RDS) for scalable application hosting.
 - **Currently learning & implementing** Docker-based backend deployments, improving deployment consistency.
 - **Integrated CI/CD automation**, reducing manual deployment efforts by **90%**.
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Fiverr | Freelance Full-Stack Developer | 09/2018 – 09/2020 | Remote

- **Developed 30+ web applications** for global clients, specializing in **PHP, C++, and MySQL**.
 - **Designed & optimized** CRUD operations, RESTful APIs, and database performance.
 - **Managed remote projects independently**, handling client requirements, development, and troubleshooting.
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REMOTE WORK & COLLABORATION

Proven experience in remote development:

- **Successfully delivered** freelance projects across multiple time zones.
 - **Proficient in async communication tools** (Slack, Trello, Jira, GitHub, Notion).
 - **Worked with international teams**, ensuring seamless collaboration and efficient sprint planning.
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PROJECTS & MAJOR CONTRIBUTIONS

◆ **AI-Driven Voice Assistant & Lead Generation**

AI voice platform for automated lead generation and call handling (10/2024 – Present)

- **AI Voice Assistant** to interact with callers and qualify leads (VAPI & BlandAi).
- **Call Forwarding** to real users based on lead qualification (Twilio).
- **Voicemail & IVR System** for efficient message handling and routing.
- Serving as a full-stack developer.

◆ **WorkReadyMobile**

Adult (Aged) Education and Workforce Platform **Multi-Tenancy** (02/2021 – Present)

- **Upgraded Laravel version from 6 to 10**, improved performance & security.
- Integrated **DocuSign, Google Calendar clone, and Firebase notifications**.
Imagine Learning, Cornerstone.
- Enhanced **user authentication & role-based access management**.
- Serving as Technical Lead.

◆ **Tripio Travel App**

AI-Powered Personalized Itinerary Planner (07/2024 – Present)

- Developed an **AI-driven personalized itinerary planner**, improving engagement & travel recommendations.
- Optimized API queries, reducing response time by **50%**.
- Serving as a full-stack developer.

◆ **Dosing Made Easy**

AI-driven Medication Dosage Calculator (03/2024 – Present).

- Developed an **AI-powered medication dosage calculator**, integrating Stripe for **subscription payments**.
- Currently **working on AI-driven prompt engineering** to enhance medical insights.
- Serving as a Lead Full Stack Developer.

◆ **Baritastic**

Medical Tracking and Patient Engagement App (06/2022 – 10/2024)

- **Migrated from CakePHP to Laravel & Vue.js**, improving efficiency & maintainability.

- Reduced database execution time by **60%**, enhancing system performance.
- Worked on new Features and Enhancements.
- Serving as Lead Full Stack Developer.

♦ **Medesto Pharmacy System**

Intelligent Patient Management Platform (10/2023 – 06/2024)

- Designed **an intelligent patient management platform** for improved healthcare workflows.
- Integrated **Laravel backend APIs with Vue.js frontend**, enhancing usability.
- Built Messenger within the app.
- Optimized the database by eliminating redundant queries.
- Serving as a full-stack developer.

♦ **Adventure Hunt**

Interactive Scavenger Hunts & Corporate Team-Building Events (09/2024 - 12/2025)

- Scalable Web Platform for Interactive Scavenger Hunts & Corporate Team-Building Events.
- Upgraded Shopify API versions.
- Upgraded Codeigniter Version.

♦ **CORD Pathway Planner**

Career Pathway Mapping Platform (09/2023 - 12/2023)

- Developed a **drag-and-drop career mapping tool** to assist students in planning career paths.
- Implemented **custom PDF exports & real-time updates** using Vue.js.
- Served as Technical Lead.

♦ **Glist Beauty on Demand**

Connects Beautician Experts to Users (07/2023 - 09/2024)

- Built a **booking system** with integrated **Stripe payment processing**.
- Developed **multi-user roles & appointment management** in Laravel.
- Served as Lead Full Stack Developer.

♦ **International Youth Federation (IYF)**

Multi-Lingual Solution for Evaluating Effectiveness and Enhancing Youth Engagement

- Developed a **global non-profit management system** for **volunteers & projects worldwide**.
- Integrated **multi-language support, role-based dashboards, and interactive reporting**.
- Served as an associate full-stack developer.

♦ **Hells Gate GYM**

Gym Management

- Maintained and fixed existing features

DEVOPS & CLOUD IMPLEMENTATION

 Hands-on experience in automation & cloud deployments:

- **CI/CD Pipelines:** Set up & automated **GitHub Actions**, reducing manual deployments by **90%**.
 - **Docker (Learning & Implementing):** Implemented **Dockerized backend environments**, improving **deployment consistency & scalability**.
 - **AWS Services:** Integrated **S3, EC2, and RDS** for scalable web application hosting.
 - **Linux Server Management:** Configured **DigitalOcean & AWS cloud instances** for optimized application hosting.
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EDUCATION

 **BS Computer Science (BSCS)** – Punjab University College of Information Technology (PUCIT) | 2016 – 2020

Third-Party Integrations

- **AI:** OpenAI, Vapi, BlandAI
 - **Payments:** Stripe (Simple and Subscription), PayPal
 - **Signature:** DocuSign, AdobeSign
 - **Health Kits:** Apple, Samsung, Garmin, Jawbone, Google
 - **Calling & Sms:** Twilio
 - **SSO:** Facebook, Apple, Google, Imagine Learning, Cornerstone,
 - **Others:** Cornerstone, GMap, Firebase, Jobtimize, Sentry, New Relic
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SOFT SKILLS

- **Leadership & Team Management** – Managed and mentored teams of 7+ developers, ensuring code quality and team growth.
- **Problem-Solving & Debugging** – Optimized APIs and queries, improving response times by 40–80%
- **Strategic Thinking** – Led system migrations to Laravel 10, improving performance and scalability.
- **Remote Work & Communication** – Successfully led remote teams across time zones using tools like Slack, Jira, and GitHub.

LANGUAGES

- **English** – Fluent (**Professional & Technical Communication**)
 - **Urdu** – Native Proficiency
 - **Punjabi** – Conversational
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