**Muzammil Khan**

**Web Developer (PHP & Laravel)**

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Experience

**PHP Developer** June 2024 – Present

*AEC Solutions Multan, Pakistan*

* **Engineered and maintained dynamic web applications** using PHP and Laravel, improving scalability, maintainability, and overall system performance.
* **Built RESTful APIs and integrated third-party services** (Stripe, PayPal, Google Maps, social logins) to extend application functionality and streamline business workflows.
* **Optimized database performance** by designing normalized schemas, writing efficient MySQL/PostgreSQL queries, and implementing caching strategies with Redis.
* **Developed modular, reusable, and testable code** by leveraging Laravel’s MVC architecture, Eloquent ORM, and service container, improving development speed and reducing bugs.
* **Implemented secure authentication and authorization** systems (Laravel Passport, Sanctum, JWT) to ensure robust user data protection.
* **Enhanced user experience** by collaborating with front-end teams, integrating Blade templates, Vue.js, and Tailwind CSS for responsive and intuitive interfaces.
* **Streamlined deployments and CI/CD workflows** using Git, GitHub Actions, Docker, and automated testing, minimizing downtime and manual errors.
* **Upgraded and refactored legacy PHP applications** to Laravel, introducing modern coding practices, PSR standards, and SOLID principles for improved maintainability.
* **Reduced server load and costs** by applying caching, query optimization, and queue workers (Laravel Queues, Horizon) for background task processing.
* **Worked directly with stakeholders and clients** to translate requirements into technical solutions, delivering projects within deadlines and budgets.

# Projects

**3D Nike Website Redesign**

* **Redesigned the Nike e-commerce experience by implementing a fully interactive 3D product showcase using Three.js and React, allowing users to rotate, zoom, and customize sneakers in real time.**
* **Enhanced user engagement and brand appeal by integrating smooth animations, dynamic transitions, and immersive visuals optimized for both desktop and mobile platforms.**
* **Optimized site performance and load times through lazy loading, asset compression, and efficient state management, reducing bounce rates and improving overall responsiveness.**
* **Integrated secure checkout workflows with Stripe API and built reusable product components, ensuring a seamless shopping experience from browsing to purchase.**
* **Collaborated with designers and stakeholders to align UI/UX improvements with brand identity, resulting in a modern, visually appealing, and high-conversion website redesign.**

**REAL TIME WEATHER APPLICATION**

* **Developed a Java-based real-time weather application by integrating OpenWeatherMap API, enabling users to instantly access current weather conditions, forecasts, and location-based updates.**
* **Implemented multithreading and efficient API request handling to deliver seamless, low-latency data updates without freezing the UI.**
* **Designed a clean, user-friendly interface using JavaFX/Swing, incorporating dynamic icons, temperature graphs, and interactive dashboards for an engaging experience.**
* **Optimized application performance with caching strategies to reduce redundant API calls, improving speed and minimizing bandwidth usage.**
* **Ensured cross-platform compatibility by packaging the application into executable builds and testing across multiple operating systems (Windows, macOS, Linux).**

# Technical Skills

**Languages**: C++,Java,Python,C#,PHP

**Frameworks**: Flutter, Android SDK, Node.js

**State Management**: Riverpod, GetX, Bloc

**Networking & API**: Http, Dio, Express.js

**Databases**: MongoDB,MYSQL,PostgreSQL

**Tools**: Git, Postman, VS Code,Visual Studio,Github

# Education

# **National University of Modern Languages** *Multan, Pakistan* *BSCS* *Feb 2024-Feb 2028*