

# Muhammad Hamza Rasheed

## Full-stack Developer

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Full Stack Developer with 5+ years of hands-on experience in delivering high-quality, scalable applications across various industries. Professional experience in a broad range of front-end and back-end technologies, skilled in building secure RESTful and GraphQL APIs, optimizing database structures, writing deployment scripts, CI/CD pipelines and leveraging cloud services of platforms like GCP and AWS. Passionate about staying updated with emerging web technologies and best practices.

## Work Experience

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### Full-stack Developer

Cloudtek - Islamabad

Nov 2022 to Present

- Worked on development and maintenance of various applications across diverse industries, including healthcare, real estate, insurance, and audits leveraging microservices architecture to ensure modularity, flexibility, and maintainability.
- Practiced Vue.js and ReactJS to built dynamic and responsive UIs, ensuring smooth user interactions and high-performance rendering.
- Diversified skillset by participating in MERN stack migration project, transitioning a legacy Laravel 8 application to a modern Postgres-based architecture with Express, React, and Node.js, improving performance and flexibility.
- Development of RESTful APIs using Node.js and NestJS, facilitating seamless communication between front-end and backend systems.
- Gained hands-on experience with deployment tasks and managing cloud servers, including AWS, and GCP.
- Participated in code reviews to provide constructive feedback on peers' work while maintaining coding standards.

### Senior PHP/Laravel Developer

Ikonic Solution - Islamabad

Apr 2021 to Nov 2022

- Worked as integral part of team on their client based transportation management system, specializing in the design and implementation of API-centric architectures
- Refactored legacy code by implementing the Repository Design Pattern to modernize the backend, improving maintainability and extensibility.
- Integrated JWT and OAuth2 for advanced authentication and authorization, ensuring secure and seamless user access across internal and third-party services or webhooks, including Okta for federated authentication.
- Developed CI/CD pipelines in Bitbucket to automate deployment processes, ensuring seamless integration and faster delivery cycles.
- Integrated third-party APIs such as Twilio for messaging services, Google Maps for geolocation features, and Social Logins (Facebook, Google) to enhance user engagement and authentication.

- Enhanced application security by employing input validation, data encryption, and secure coding practices in accordance with industry standards, reducing vulnerability to common security threats.
- Utilized Agile methodologies, leading sprint planning sessions and backlog prioritization to maintain project momentum and deliver high-quality software on schedule.

## Web Designer & Developer

Maxcore Technologies - Multan

Feb 2020 to Apr 2021

- Began career as a Junior Web Developer, focusing on backend development with PHP and Laravel, building scalable web applications and integrating robust RESTful APIs for seamless communication between the client-side and server-side.
- Advanced to Team Lead after demonstrating strong leadership and technical skills, overseeing the development lifecycle, coordinating projects, and mentoring junior developers.
- Designed and developed key features for several large-scale applications, including a Point-of-Sale (POS) System with inventory management, an Online Learning Management System (LMS) for medical students, and a Healthcare System with functionalities such as doctor appointments, lab reports, and patients engagement.
- Mastered MVC architecture and leveraged advanced features in Laravel to implement dynamic views and reusable components, streamlining the development process.

## Technical Skills

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- **Frontend Development:** HTML5, CSS3, Bootstrap, Javascript (ES6+), JQuery, React JS, Next JS, Vue JS, Nuxt Js, Typescript, Livewire, Inertia JS etc.
- **Backend Development:** PHP, Laravel, SQL, Node JS, Nest JS, Django, C++, OOP.
- **State Management & Caching:** Redux Toolkit, Pinia, Vuex, Redis.
- **Databases:** MongoDB, PostgreSQL, MySQL
- **API & Backend Integration:** RESTful APIs, GraphQL
- **OS:** Windows, Linux, Mac
- **Version Control & Build Tools:** Github, Bitbucket, GitLab, Vite, Webpack, Laravel Mix.
- **Project Management & Collaboration:** Agile, Scrum, Jira, Trello, Clickup.
- **3rd party Integrations:** Twilio, Zapier, Google Maps, Payment Gateways, Okta, OAuth, Webhooks, Social Logins, Contentful etc.
- **Cloud Services:** AWS (Cognito, Api Gateway, Lambdas, ECS, EC2, Elastic Beanstack, DynamoDB, SNS, S3, Cloudwatch), CI/CD, Docker, Virtualization, VPS Configuration, Shared hosting deployments etc.
- **Others:** Flowcharts, ERDs, SSMS, Dbeaver, Postico, Tableplus, Mysql Workbench, Postman, pgAdmin, Laragon, Jenkins etc.

## Education

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### BS in Information Technology

Bahauddin Zakariya University – Multan

September 2018 to July 2022

## Courses & Certifications

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### **CBT in Web Designing & Development**

National Vocational & Training Institute – Multan

Jan 2019 to June 2019

### **Certification in Web Programming**

The Net Rider – Multan

Sep 2019 to Dec 2019

### **Front-end Development (Jquery, Ajax, DOM)**

Freecodecamp

Nov 2019 to Dec 2019

### **Complete MERN Stack (Express, Node JS)**

Code With Mosh

Apr 2021 to Jun 2021

## Achievements & Strengths

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- Prime Minister's Laptop awardee, secured 2<sup>nd</sup> position in the batch.
- Promotion to senior role based on performance at Maxcore technologies.
- Quick Learner, proven ability to quickly adapt to new technologies.
- Excellent Debugging skills.

## Hobbies

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- Traveling
- Photography
- Fitness & Well Being
- Learning new Skills.

## Languages

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- English
- Urdu
- Arabic

## References

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References will be furnished on demand.