



Muhammad Khalid

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Home: Deira Dubai, Dubai (United Arab Emirates)

ABOUT ME

I am a dedicated, self-motivated senior software developer with over 6 years of experience in building secure and scalable web applications. I hold a bachelor's degree in computer science and have extensive experience in WebSockets, real-time communication, Laravel Echo Server, AWS S3 services, RESTful APIs, PHP, Laravel, Vue.js, React.js, Redux, MySQL, and agile project management.

I have developed web applications of various scales, working as both a team player and solution architect. I manage project codes on GitHub, solve complex problems, fix bugs, and optimize applications for quality and performance. I excel in collaborating with cross-functional teams, communicating technical concepts, and delivering quality results.

DIGITAL SKILLS

Programming Languages

PHP / HTML / CSS / JavaScript / SQL

Frameworks and Platforms

PHP Framework (Codeigniter, Laravel) / React.js / Vue.js / JavaScript - JQuery / CSS (e.g., Bootstrap, Tailwind) / Amazon AWS (S3) / Atlassian stack (Jira) / Laravel Forge / Docker / Redux / Pinia Store / Digital Ocean Cloud / Node.js / Express

Databases

NoSQL Databases (MongoDB) / MySQL

Tools and Technologies

API Integrations / JSON / Restful API's / Websockets / Git (Github / Gitlab) / Web API / Apache NGINX / Bitbucket / CI / CD / HTTP Requests and REST API (Fetch, Axios) / (MySQL, MySQLWorkbench, HeidiSQL, DBeaver) / Postman / VS CODE / PHPStorm

WORK EXPERIENCE

Full Stack Web Developer

T S F Accounting & Book Keeping L.L.C [20/06/2023 – Current]

City: Dubai | **Country:** United Arab Emirates

- Designed a robust backend infrastructure using Laravel Echo Server and Laravel WebSocket.
- Focused on creating secure APIs to facilitate smooth frontend-backend communication.
- Implemented robust file handling mechanisms to ensure secure sharing of various file formats.
- Enforced stringent validation and security measures to prevent malicious file uploads and vulnerabilities.
- Fine-tuned performance using Laravel Echo Server and Laravel WebSocket to achieve low latency and high responsiveness.
- Prioritized security with robust authentication and authorization mechanisms.
- Implemented access controls to ensure only authorized users interacted with chat features, safeguarding user data.

Tools & Technologies:

Laravel Echo Server, PHPUnit, Tailwind CSS, Firebase FCM, Laravel Forge, LaraDock, JWT, OAuth, WebSocket, AWS EC2, MySQL, LaraBug, Docker, AWS S3, HTML/CSS, Node.js, Composer, Laravel, PHPStorm, Postman, AWS RDS, Vue.js, GitHub Actions, Pina, jQuery, Bootstrap, Nginx, HeidiSQL, GitHub, PHPDocumentor, Webpack, npm, yarn, Jira

Senior Software Developer

Combined Military Hospital Lahore Medical College [01/06/2021 – 30/06/2023]

City: Lahore | Country: Pakistan

- Developed and maintained advanced PHP applications for CMH Lahore Medical College's CMS, including student, library, HR, teacher, and employee portals.
- Built state-of-the-art applications and collaborated with the UX team to enhance user interfaces.
- Ensured valid and consistent HTML, CSS, and JavaScript across all applications.
- Utilized standard development tools for robust, secure, and high-performance applications.
- Enhanced backend data services APIs for seamless data flow across the CMS.
- Led the entire web application development lifecycle, from concept to post-launch support.
- Communicated progress, issues, and improvements effectively; documented processes and components.
- Coordinated with co-developers and project managers, staying updated on web development trends.

Tools and Technologies:

HTML/CSS, JavaScript, jQuery, Vue.js, Pinia Store, Bootstrap, Laravel (PHP), Webpack, PHPUnit, MySQL, JWT, OAuth, Laravel Echo Server, WebSocket, S3 Bucket, RDS, Laravel Valet, Git, Bitbucket, Jira, PHPStorm, Postman.

Full Stack Web Developer

Three Apples [01/08/2018 – 31/03/2021]

City: Calgary | Country: Canada

- Built and maintained high-performance web applications, ensuring efficiency throughout the development lifecycle.
- Managed hosting environments with cPanel and WHM, maintaining secure and smooth operations.
- Enhanced backend APIs using Laravel, ensuring seamless data flow and improved functionality.
- Utilized Ant Design and React Redux for creating user-friendly interfaces and effective state management.

Tools and Technologies:

React, Redux, Antd Design, Laravel (PHP), Webpack, MySQL, JWT, OAuth, Laravel Echo Server, WebSocket, S3 Bucket, Bitbucket, Postman, Vs code. Sublime

Web developer

Research & Development [01/02/2016 – 31/07/2018]

City: Lahore | Country: Pakistan

- Started my career working with HTML, CSS, jQuery, JavaScript, PHP, and MySQL.
- Completed various tasks related to new website projects, ensuring functionality and user experience.
- Handled diverse responsibilities, including front-end development with Bootstrap and back-end tasks with PHP and MySQL.
- Gained experience in web development fundamentals by contributing to different aspects of website projects.

Tools and Technologies:

HTML, CSS, jQuery, JavaScript, Bootstrap, PHP, MySQL, Sublime Text.

Instructor Computer Education (Visiting)

Aptech Computer Education [09/01/2018 – 30/10/2019]

City: Lahore | Country: Pakistan

- Provided technical coaching to students at Aptech Computer Education in Lahore, focusing on website design and development.
- Taught courses covering HTML, CSS, jQuery, JavaScript, PHP, and MySQL, ensuring students gained a comprehensive understanding of both frontend and backend development.
- Guided students through practical exercises in website design, emphasizing the integration of front-end, back-end, and database technologies.
- Enhanced students' skills by delivering hands-on training and real-world examples in web development fundamentals.

Tools and Technologies:

HTML, CSS, jQuery, JavaScript, PHP, MySQL

Junior Computer Lecturer (Visiting)

Minhaj University [01/05/2017 – 20/02/2018]

City: Lahore | Country: Pakistan

- Coached students at Minhaj University, Lahore, on database concepts including MySQL and SQL.
- Conducted practical lab sessions to reinforce theoretical knowledge in database management.
- Contributed to the educational environment by imparting knowledge and facilitating hands-on learning experiences.

Tools and Technologies:

MySQL, SQL

EDUCATION AND TRAINING

Masters in Computer Science

University of Education Lahore [18/09/2013 – 18/08/2016]

City: Lahore | Country: Pakistan | Website: <https://ue.edu.pk/> | Field(s) of study: Information and Communication Technologies: • Software and applications development and analysis • Computer use • Database and network design and administration | Final grade: B+

LANGUAGE SKILLS

Mother tongue(s): Urdu

Other language(s):

English

LISTENING C1 READING C1 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

HONOURS AND AWARDS

[01/04/2013] TEVTA Punjab

Certificate in computer MS (OFFICE)

Link: <https://www.tevta.gop.pk>

REFERENCE

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