

BILAL ARSHAD - Software Engineer

CAREER SUMMARY

Experienced software engineer with a proven record of optimizing web applications and hosting efficiency through advanced cloud integration. Skilled in web development and proficient in project management tools like Jira, Trello, and Git. Renowned for interpersonal abilities and dedicated to fostering innovation in fast-paced environments.

CORE SKILLS AND COMPETENCIES

- Client Management
- Web Development
- Database Management
- Version Control
- API Integration
- Cloud Services
- Project Management
- Communication

TECHNICAL SKILLS

Programming Languages: PHP (Laravel), MySQL, JavaScript, HTML, CSS
Frameworks: Laravel, React.js, JQuery, Vue, ElectronJs, Ionic
Development Tools: PhpStorm, VS Code, MySQL Workbench,
Database Management: MySQL, PouchDB, Amazon RDS, Redis, Elasticsearch Version
Control Systems: GitHub, Bitbucket, SVN
Cloud Services: AWS Web Services (AWS), Google Cloud Platform (GCP)

PROFESSIONAL EXPERIENCE

Software Engineer | K9 Technologies - Lahore, Pakistan

Jan 2020 - May 2023

- Generated and optimized core modules for a logistics and transport company, boosting operational efficiency by 30% and cutting delivery times by 25% through targeted enhancements.
- Strategically employed Laravel, increasing team productivity by 35%. Reduced server costs by 25% by following best coding practices.
- Strategically employed Jira, Trello, and Git, boosting team productivity by 20%.
- Mentored 5 junior engineers, providing guidance on best practices, design patterns, and industry standards, resulting in a 15% rise in team productivity and a 40% increase in knowledge sharing.

Software Engineer | Devy - Mexico, Remote

Dec 2017 - May 2024

- Streamlined cloud integration, boosting scalability, and cutting deployment times by 40%. Collaborated with teams to design and deliver advanced features.
- Contributed to the development of multiple systems, including POS, food delivery applications, and a fruit distribution management system, which improves 20% order processing efficiency and a 15% reduction in delivery times.
- Improved code quality and maintainability by implementing automated testing and refactoring legacy code, resulting in a 30% reduction in bugs and a 25% increase in code reusability.

Software Engineer | 100 Consultant - Malaysia, Remote

Dec 2022 - April 2023

- Innovated RESTful services with the PHP (Laravel) framework, VueJs, resulting in a 20% optimize in performance
- Developed a unique innovative idea in the healthcare system to facilitate connections between doctors, patients, and hospitals, slashing hospital queues by 70% and improving patient satisfaction by 45%.
- Orchestrated efficient server configuration and deployment, optimizing user-friendly elements and reducing system downtime by 20%.

KEY PROJECTS

Xdock | PHP(Laravel), MySQL, Redis, Elasticsearch, Pusher, Xero Accounting Software

- Developed automated invoice calculation modules, reducing manual work by 70% and ensuring error-free invoices for customers
- Integrated Pusher for real-time notifications and updates, enhancing field workers' efficiency by 30% through instant access to critical information.
- Added import/export features and intuitive charts, giving users a quick financial overview and reducing analysis time by 25%.

Super 7 | PHP (Laravel), MySQL, Google Maps API, React Native

- Initiated an advanced POS facilitating installment sales tracking, resulting in a 20% jump in sales revenue through expanded payment options and improved customer financing.

Siloc | PHP, Laravel, PouchDB, AWS S3, AWS EC2, Electron.js, React.js

- Completed this system to manage the record of fruits transported from fields to markets. As a result, this system reduced manual paper work by 95% and speed up timely deliveries by 40%.
- Developed a system that works whether you're connected to the internet or not, and can be used on computers and web browsers. Gave business owners a dashboard to see where their drivers are on Google Maps, lifting efficiency by 25%.

Chup | PHP (Laravel), MySQL, VueJS

- Enabled seamless connections between patients, doctors, and hospitals, reducing queues in hospitals by 70% and saving stakeholders time through real-time updates via messaging apps like WhatsApp, Facebook, and Line.
- Able to keep patient histories and share them with doctors, saving time for up to 10% of both stakeholders.

EDUCATION

Bachelor of Software Engineering (BSSE) | COMSATS University Islamabad

Feb 2016 - Feb 2020