

Usama Munawar

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WORK EXPERIENCE

HOBOETECH | SENIOR SOFTWARE ENGINEER

Aug 2023 – Present | Pakistan - Hybrid

- Migrated legacy applications to Laravel, reducing maintenance costs by 30% & Implemented security protocols that passed two government audits with zero breaches.
- Core features developed using Node, PHP, React, Next.js, MySQL, PostgreSQL, Redis, OpenAI, RabbitMQ, & AWS services.

Tech Stack: Express.js, PHP, React.js, Next.js, MySQL, Redis, RabbitMQ, AWS, OpenAI

HOBOETECH | FOUNDING ENGINEER & TECHNICAL LEAD

Apr 2022 – July 2023 | Ireland - Remote | Contract

- Developed a custom PBX solution using PHP that processed over \$5M in transactions in its first year.
- Initiated the use of machine learning algorithms for personalized customer experiences, increasing conversion rates by 20%.
- Collaborated cross-functionally to implement responsive designs that led to a 15% increase in mobile traffic.
- Ensured scalability, performance, and maintainability, contributing to the project's success in the telecommunication sector.

Tech Stack: PHP, Laravel, MySQL, Redis, Firebase

BITSCLAN | SENIOR SOFTWARE ENGINEER I

Dec 2021 – Aug 2022 | Pakistan - Remote

- Successfully extracted distributed services from a monolithic application, enhancing its scalability and performance.
- Designed and developed major product features using technologies such as Laravel, Cake PHP, Sail, MySQL, and AWS Services.
- Demonstrated a strong commitment to quality by adopting Test Driven Development (TDD) practices, resulting in achieving 100% API test coverage for services.

Tech Stack: Laravel, Node.js, Sails.js, MySQL, Mongo DB, AWS

STARTECH | SOFTWARE ENGINEER

Apr 2020 – Dec 2021 | Pakistan - Onsite

- Spearheaded the development of key features for "Ucass", a highly secure Zero Trust Network Access solution designed for large-scale access control.
- Implemented Pub/Sub communication between dashboard back-end service and controller service, replacing manual polling, and increasing system capacity to handle 10,000+ client devices - a significant improvement from its previous capacity of just 600 devices.
- Contributed significantly to the design and implementation of multiple features for the Ucass product, using a broad range of technical skills and expertise.
- Optimized the performance of an enterprise-level product's back-end and front-end components, improving user experience and overall efficiency.

Tech Stack: PHP, Laravel, Express.js, Redis, RabbitMQ, MySQL

ESKETCHERS | FULL-STACK ENGINEER

Jan 2020 – Apr 2020 | COMSATS - Onsite

Tech Stack: PHP, Node.js, React.js

EDUCATION

COMSATS, LAHORE

BS IN COMPUTER SCIENCE

Grad. July 2020 | LHR, PK

TECHNICAL SKILLS

BACKEND

Proficient with:

Laravel, Express.js, Nest.js, PHP, JavaScript, Node.js, Codeigniter, MySQL, SQLite, Redis, PostgreSQL, SQL-Server, MongoDB, Git, Docker, Sentry, New Relic, Kibana, AWS

Familiar with:

C#, C, C++, ASP.NET MVC, Java, Django, Socket.io, Elastic Search, Shell Scripting, Jenkins, Firebase, GraphQL, Android Studio, Java Spring Boot

FRONTEND

Proficient with:

React.js, Vue JS, JQuery, HTML/CSS, Bootstrap, Tailwind CSS, Redux

Familiar with:

Angular, Material UI, Electron.JS, MapBox, Google Maps, NgRx, RxJS

INTERNSHIPS

IEEE COMSATS | RESEARCHER

Jun 2019 – Aug 2019 | LHR, PK

- Deployed a cloud-hosted AI/NLP chatbot to respond to common college student queries, improving support response times and accuracy.

QUVA | SWE INTERN

Jun 2018 – Aug 2018 | LHR, PK

- Designed and developed a GRE preparation application for the startup.