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WAJID ALI

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Passionate Full Stack Engineer with 4+ years of expertise in building scalable, distributed web applications using **React.js**, **Express.js**, **.NET** and **Laravel**. Proven track record of solving complex challenges through innovative engineering and delivering high-performance solutions.

EMPLOYMENT

Senior Software Engineer **Bin Delamah Contracting Co. (KSA)** **Aug 2023 - Present**

HRMS - A comprehensive **HR** and **payroll** management system

- Developed scalable and high-performance full-stack applications with **React.js (frontend)** and **Express.js (backend)** with **MySQL** database.
- Designed reusable **React.js** components to enhance **modularity** and **maintainability**.
- Utilized **Redux** for efficient state management and seamless integration with **React.js**.
- Collaborated cross-functionally to deliver high-quality software within deadlines.
- Stayed updated with the latest technologies to drive project success.
- Migrated the company's local server infrastructure from **Windows** to **Linux**, enhancing system **stability**, reducing **licensing costs**, and improving **deployment efficiency**.
- Automated database backups via Bash scripting and **crontab**, ensuring zero data loss.
- Streamlined deployment using **PM2** for process management and auto-restarts.
- Exposing the local server live via **Ngrok tunneling** with Nginx reverse proxy, enabling **secure remote access**.
- **Mentored 4+ junior engineers and interns by:**
 - Conducting weekly **code reviews**, improving code quality by **30%** and reducing production bugs.
 - Providing 1:1 training sessions on **React.js** best practices, **Redux** state management, and **RESTful APIs**
 - Accelerating onboarding timelines by **40%** through structured guidance and hands-on debugging support.

Software Engineer **Devsinc** **Mar 2023 - Aug 2023**

AfterSchool HQ - A youth organization management platform that creates more time for meaningful engagement with students.

- Resolved frontend bugs and responsiveness issues in a **React.js** application.
- Collaborated on a client project, actively engaging in **problem-solving** to address and resolve various issues.
- Proficiently **resolved issues** and **maintained** web applications in **React.js** (frontend) and **.NET** Framework environment (backend).
- Developed **test projects** to meet tight deadlines for clients.
- Implemented **server-side OAuth** using **OpenID Connect** in a project.
- Collaborated with team members to ensure smooth operation of web applications

Associate Software Engineer **Foomotion** **Jan 2022 – Mar 2023**

Enbiosis - AI-powered gut microbiome test and tailored personalized nutrition guide

- Ensured seamless functionality and resolved **responsiveness** issues in a web app using **React.js** (frontend).
- Optimized **Laravel** (backend) for improved **performance** and **scalability**.
- Integrated front-end **React.js** components with **Laravel** (backend) services.
- Implemented **RESTful APIs** in **Laravel** to facilitate data exchange between front-end and back-end systems.
- Collaborated with development teams to generate **innovative product solutions**.

EDUCATION

Lahore, Pakistan **Information Technology University** **Sep 2017 – May 2022**

- B.S. in Computer Science
- Undergraduate Coursework: Operating Systems; Databases; Algorithms; Programming Languages; Comp. Architecture; Engineering Entrepreneurship; Calculus II; Linear Algebra; Differential Equations.

TECHNICAL EXPERIENCE

- **Hunter** (2021). Entertaining immersive first person shooter game. Build using Unity3D Game Engine for cross platform applications. Optimized for low ram usage.
- **FundMe** (2020). Android App built using Android Studio (Java) and firebase. Developed Voluntarily for **Ublox** (Software House). Created its web version in **React.js**.
- **Crafty** (2019). Created full-stack eCommerce application using **PHP, Bootstrap and MYSQL** database. Created Guest Mode, Customer Mode and Admin Mode (Authentication and Authorization).

Skills

- **Frontend Technologies:** React.js, Redux, JavaScript, TypeScript, HTML/CSS
- **Backend Technologies:** Express.js, .NET Core, Laravel, PHP
- **Languages:** C++; C; C#; Java; JavaScript; TypeScript; PHP; Assembly; Apex; XML; VB; Verilog;
- **Frameworks and Libraries:** React.js; Angular; .NET Framework; Unity3D; Salesforce; Laravel;
- **Databases and Tools:** MySQL; Microsoft SQL Server; Oracle; Firebase; Firestore; Visual Studio; Android Studio; VS Code;
- **Scripting & Automation:** Bash, crontab
- **DevOps:** Linux, PM2, Ngrok, Nginx