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Hardworking and technically proficient Engineer who thrives when facing challenges and tackling complex problems. Works well with business leaders to understand business issues and define system requirements. Looking for a challenging role in a reputable organization to utilize my technical, database, and management skills for the growth of the organization as well as to enhance my knowledge about new and emerging trends in the IT sector.

SKILLS

- Node.js / Nest.js
- Angular JS
- React JS
- Postgres / MariaDB
- Web Services (RESTful APIs)
- Python / ERPNext / Frappe
- Express.js
- PHP / CodeIgniter / Laravel
- WordPress
- GitHub

EXPERIENCE

Jan 2011 – PRESENT

Sr. SOFTWARE ENGINEER, MICROMERGER PVT. LTD.

- **PYTHON / ERPNext**
 - Spearheaded projects for the Sindh government, including the **Sindh School Monitoring System (SSDMS)** and the **School Education and Literacy Department (SELD)**.
 - Collaborated on **UNICEF** initiatives in Pakistan, such as **Safe Space** and **Child Protection**, employing Frappe, Python, and JavaScript to architect and implement innovative solutions.
 - Personalized ERP systems using Python and JavaScript to align with unique business processes.
 - Played a pivotal role in constructing diverse ERP systems for prominent clients like **Hyundai Islamabad**, **Pakistan State Oil**, and Sindh Government School Automation, among others.
 - Devised Python scripts to generate and tailor reports, streamlining data analysis and facilitating comprehensive reviews.
 - Part of team that constructed various ERP systems for other companies i.e. Hyundai Islamabad, Pakistan State Oil, Sindh Govt School Automation and many other companies.
 - Created progress dashboards, web-forms as per requirements of project.
 - Implemented python code to generate or customize reports for more organized and easier to check overall review.

- **NEST.JS**
 - Worked as Back-end developer for different projects like Falaya.com etc.
 - Implemented **AWS Lambda** Functions for different automations like Pdf processing.
 - Created APIs for different web applications and organized existing APIs for better understanding.
 - integrated push notifications for web and mobile applications with coordination offront-end team.
 - Used AWS different services like **S3, Lambda** and **EC2** etc.
 - GET/POST/PUT/DELETE (CRUD) methods.
 - Experience with **GitHub** and version control systems.
 - Integrated SMS services providers like **Twilio** and **InfoBip** for sending verification code to login or notify.
- **NODE.JS**
 - Part of team that restructured the Back-End for Asasa.com to make it more scalable and robust
 - Development of **RESTful** APIs using Node.js for mobile and web application.
 - Worked on **MySQL / PGSQL** aggregation and queries.
 - GET/POST/PUT/DELETE (CRUD) methods using **Express.js** framework.
 - Worked on designing **DB** schema and architecture for Back-End services.
 - Implemented coding best practices and developed design documents for tracking progress and easier maintenance.
 - Deployed Back-End Node.js application to i.e **Heroku**.
 - Implemented **Firebase Cloud Messaging** for mobile application notifications.
 - Worked on **Socket.io** for push notifications website.
- **PHP – CodeIgniter**
 - working in an assignment that is to provide a top line technical support to NATIONAL EMERGENCY OPERATION CENTER (<http://www.eoc.gov.pk>) Program (Polio Eradication Initiative)/Government of Pakistan for the upgrade or enhancements of existing systems – in line with the best international practices and standards to make it fully interoperable, shock responsive and user-friendly platform. Main tasks include:
 - Providing effective troubleshooting and remediation for web applications.
 - Remained dedicated to emerging technology and the latest digital marketing concepts.
 - Worked with a proficient understanding of code conversion tools.
 - Created detail technical and user documentation.
 - Worked to assess competing websites in regards to content, look, and feel.
 - Remained knowledgeable in new standards, technologies, and trends in website development.
 - Helped to achieve a consistent look and visual theme across the website by promoting uniform fonts, formatting, images, and layout.
 - Analyzed and designed new systems and applications.
 - Worked to solve complex problems using the latest in Cloud, Mobile, and Web Technologies.
 - Worked productively with Product Team to understand requirements and business specifications around Portfolio Management, Analytics and Risk.
 - Helped to provide industry-leading solutions.
 - Worked on internal and external projects with great care.
 - Created, communicated, and managed project plans.
 - Performed automated testing tasks and developed complex features routinely.

- Successfully worked at an independent level, while also serving as an effective and enthusiastic collaborator.

EDUCATION

2012

BS SOFTWARE ENGINEERING, Allama Iqbal Open University, ISLAMABAD

EXTRA ACTIVITIES

- Worked as a team lead for events management in school, college, university and at previous companies.
- Started my own management company during my education period and got a great response and experience in management.
- Also worked as a photographer for Govt., private and various events.

REFERENCE

Can be provided upon request.