Islamabad, Pakistan

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GITHUB

EMPLOYMENT

Sr. Software Engineer	**Contractor, Remote**	**May 2023 – Present**

Full Time

- Developing and ad architecting Azure solutions for high performance and cost efficient.
- Automated deployments pipelines Kubernetes using helm decreasing deployment time by 70%.
- Created high performance integrations with EV chargers with multiple platforms to support business clients.
- Enhanced reporting capabilities, improving query performance and migrating from Mongo to SQL server for relationship support.
- Integrating payment gateway like stripe to application for billing purposes.

Software Engineer	**KPMG MBS, MALTA**	**September 2021 – April 2023**

Full Time

- At KPMG, Microsoft Business Solutions Malta, I delved into advanced technologies aiming to bolster collaboration and productivity throughout the firm.
- Spearheaded the development of a Microsoft Teams app using React and Teams JS SDK. This innovation facilitated fluid communication and teamwork across the organization.
- Harnessing SharePoint SPFx, I crafted custom web parts and extensions, significantly uplifting the user experience and broadening the capabilities of SharePoint sites.
- Expertly integrated, deployed, and managed app resources via Azure and Office 365 services, anchoring a solution that promises scalability and easy maintenance.
- Meticulously designed the project's architecture, prioritizing scalability, modularity, and maintainability—laying a robust groundwork for impending augmentations and revisions.
- Rolled out a CI/CD pipeline, optimizing deployment processes. This pivotal change slashed manual interplay and hastened our delivery timelines.

Sr. Software Engineer	**DatumSquare IT Services**	**August 2019 – August 2021**

Full Time

- Led stakeholder requirement elicitation and task planning, ensuring on-time and efficient project delivery.
- Architected MAP services application utilizing Azure services, Azure DevOps, Git, NuGet, and various databases, optimizing system integration and scalability.
- Boosted performance by 50% through redesigning distributed microservices with .NET Core 3 worker services, Azure Storage, Queues, and Functions, incorporating Docker and Kubernetes for enhanced scalability.
- Developed a feature-rich web portal using ASP.NET Core 3.1 and Angular 8, implementing advanced user management, role-based access control, report generation, and dynamic data grids.
- Enhanced development efficiency by creating and implementing shared NuGet packages, promoting code reusability and maintainability.
- Streamlined development processes by implementing automated CI/CD pipelines in Azure DevOps, significantly reducing deployment time and errors.
- Designed and built architecture for an IoT-based healthcare application, leveraging Azure services, DevOps, Git, Virtual Machines, and a mix of SQL and NoSQL databases for optimal performance.
- Engineered highly scalable, cost-effective Azure Functions for efficient IoT device data processing, ensuring real-time data handling and analysis.
- Developed a custom application using TCP protocol for robust and reliable communication with IoT devices, enhancing data transmission efficiency and reliability.

Consultant Software Engineer   **Nai Zindagi Trust**   **August 2018 – December 2019**
Part Time

- Reconstructed the Nai Zindagi biometric application infrastructure with a web portal using ASP.NET Core 2.2 and Angular 7, alongside a native Android mobile application.
- Increased performance by 70% through database schema migration, redesigning REST API with an async-first approach, and optimizing database calls.
- Developed an Android application featuring biometric verification, JWT token authentication, data synchronization via REST API, and real-time device statistics updates using Firebase.
- Created interactive dashboards using amCharts 4, enabling custom data extraction based on filters and Excel format export for comprehensive reporting.

Software Engineer   **Hosting Controller Inc**   **May 2018 – July 2019**
Full Time

- Developed plugin support for Hosting Controller (HC) 10 platform allowing customers to easily integrate their solutions into our product.
- Implemented new compelling features in HC 10 Microsoft Exchange module like import and export of large (50 GB+) PST files via HC 10 web panel, integrated newer versions support of VMware in HC 10.
- Adding new features to HC Exchange, SharePoint, and Skype for Business modules.
- Fixing of bugs reported by the support team in HC, especially in Exchange, SharePoint, and Skype for Business modules.
- Working with REST API, and WCF services.
- Designing the interface.
- Writing SQL queries and Store Procedures
- Cooperation with the support team to resolve client issues.

Jr. Software Engineer   **Zeta Technologies**   **April 2017 – April 2018**
Full Time

- My responsibilities include the development of applications related to the Zeta retail department.
- Developed automation tool using WPF and MVVM architecture to automate manual tasks reducing 4 days of manual work to 5 minutes.
- Built high performance data processing pipeline using Django, celery and RabbitMQ to process a large amount (450 GB/month) of call detail records (CDR) data.

EDUCATION

Islamabad, Pakistan   **Bahria University**   **Fall 2013 – June 2017**

- BS. Software Engineering
- Undergraduate Final Year Project: AI enabled blind assistant. A suite of Android mobile applications combined with a hardware device (Arduino) to aid the blind person in his daily life.

CERTIFICATES:

- **MS AZ-900:** Azure Fundamentals
- **MS Az-204:** Azure Developer Associate
- **HackerRank:** Problem Solving (Basic)
- **HackerRank:** Rest API (Intermediate)
- **HackerRank:** Python (Basic)
- **HackerRank:** C# (Basic)