Najam Sikander Awan

Senior Software Engineer: **GoLang, Elixir**

Bucharest, Romania
najamsk@gmail.com

Experienced Senior Software Engineer with 15+ years of hands-on expertise in building scalable backend systems, architecting cloud-native applications, and leading cross-functional teams. Specialized in Golang, Elixir, distributed systems, cloud infrastructure (Docker, Kubernetes), and modern web technologies. Proven ability to drive projects from concept to deployment across finance and startup ecosystems.

PROFESSIONAL EXPERIENCE

Senior Software Engineer - *DeutscheBank* (May 2021 - Present)

- Improved legacy GoLang APIs for performance, reducing response times by 25%.

- Refactored critical services by implementing **hexagonal architecture** and enabling test-driven development (**TDD**).

- Developed an internal developer tool using **Elixir** and **Phoenix LiveView** to support real-time debugging of production issues.

- Deployment of new features to **OpenShift** platform using **Helm**.

Technical Project Manager & Software Architect - *Moftak Solutions* (Nov 2011 - Dec 2020)

- Introduced **Golang**, React, Node.js, Next.js to improve performance.

- Led Agile product teams and implemented CI/CD pipelines.

- Mentored junior developers and streamlined development processes.

Senior UX Developer - *Creative Chaos* (Mar 2010 - Aug 2011)

ASP.NET Web Developer - *The Design Firm* (Oct 2007 - Aug 2009)

ASP Web Developer - **Zephyr Solutions** (Nov 2004 - Nov 2005)

EDUCATION

MS in Telecommunication - *Bahria University* (2005 - 2008)
Bachelor of Software Engineering - *Bahria University* (2000 - 2004)

SKILLS

- **Languages:** Golang, Elixir, Javascript, C#, SQL
- **Frameworks/Libraries**: Gorilla Toolkit, Phoenix/LiveView, Node JS, Koa Js. [ASP.NET](ASP.NET)
- **DevOps:** Docker, Kubernetes, GitLab, OpenShift, Azure, GCP, Helm, git
- **Databases:** Oracle, PostgresSql, Cassandra, CockroachDB, RethinkDB, SQLite
- **Others:** Event Storming, Microservices, REST/GraphQL, WebRTC

PROJECTS

Vheelz

- Spearheaded the end-to-end development of a micro-mobility platform, from prototyping and UX design to technology stack selection and deployment on Azure cloud

- Led system architecture design, built scalable Web APIs, and implemented real-time dashboards using WebSockets. Formed and managed cross-functional teams, introduced lean methodologies and streamlined release processes.

- **Tech: NodeJS, KoaJS, RethinkDB, Socket.IO, MQQT, WebRTC and Pushy**

Megamind

- Developed new features in Golang for core platform services, enhancing release automation and version control workflows.

- Collaborated with cross-functional stakeholders to prioritize feature requirements and align with enterprise deployment strategies.

- Integrated Megamind with enterprise systems including Jira, ServiceNow, and custom internal tools for end-to-end deployment visibility.

- Developed an internal developer tool using Elixir and Phoenix LiveView to support real-time debugging of production issues.

Tech: Golang, Elixir, Phoenix Framework, Oracle, HTML/CSS, jQuery, OpenShift

RealTime Chat Web App

- Using elixir built a real time chat web application using liveview, pubsub, presence, ETS and SQLite for storage.

- This web app supports image uploading, WebRTC calling and background jobs that clean up old data.

- Designed and automated CI/CD workflows including backup and infrastructure operations for a production-ready environment.

Tech: Elixir, Phoenix Framework, LiveView, SQLite, [Fly.io](Fly.io), GitHub, TailwindCSS