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# Shahid Ali Khan

Full Stack Software Engineer  
Remote

Javascript, Typescript  
Angular, React, Node, Express  
Jest, Prisma, Test driven development  
PostgreSQL, CircleCI, Docker, Amazon AWS

Full Stack Software Engineer with **4+ years** of FT experience and a **software engineering degree**.  
full stack web, microservices, architecture, solving complex problems, continuous learning

## Employment

### Senior Software Engineer

[Empg Labs](#)

Jun 2020 -Present

#### Responsibilities:

- Work on a suite of products to support the hyper-growth of the company's businesses in 16 countries.
- Develop features for various full stack apps using node.js stack: javascript, typescript, node express, angular.
- Participate in sprint planning, feature planning and effort estimation with the product team.
- Participate in design & architecture sessions for data-intensive and scalable node.js apps using PostgreSQL, MySQL, MongoDB and redis databases.
- Do test driven development using node.js testing packages such as Jest, Mocha chai and Jasmine.
- Develop data layers using node.js packages such as Prisma & Sequelize.
- Work with tools such as Docker, CircleCI, Amazon Web Services EC2/ECR/ECS/S3/RDS to create deployment environments and pipelines for node.js web apps.
- Ensure code quality standards for javascript & typescript by defining processes such as automated test suites, code reviews, pull request workflow, linters and code formatters.
- Work with remote distributed teams in Romania and Pakistan.

#### Achievements:

- Promoted to senior software engineer.
- Rapid learning of tech stack and existing code to excel in a fast paced and distributed team of 20+ engineers.
- Built a SaaS product for property sales and customer management using modern node typescript web stack with TDD (Jest, Jasmine) and CI/CD (CircleCI, Docker, AWS) from scratch.

### Software Engineer

[Landmark Resources](#)

Jul 2017 - Jun 2020

#### Responsibilities:

- Develop features in the data and platform layer of the suite of apps.
- Work with development, testing and product teams as well as clients to plan and deliver features and releases.
- Follow agile scrum with a remote distributed team in the United States.

#### Achievements:

- Rapid learning of new tech stack to become productive while delivering value within my first month.
- Worked with my team to build and deliver a new product for Universiti Teknologi Petronas in Malaysia.
- Persevered in solving complex engineering issues with legacy C++ code written from early 2000s-present.

### Web Developer (Remote)

[Upwork](#)

Dec 2010 - Aug 2012

#### Responsibilities:

- Searching for contract work, communicating with clients, delivering projects according to requirements, billing clients and closing contracts.
- Develop web apps using javascript.

#### Achievements:

- Delivered projects to various clients worldwide with 4.17/5.00 feedback.
- Learned to code using javascript on my own.

## Education

**B.S. in Software Engineering.**

[Comsats University](#)

Sept 2012 - Jun 2016

**Achievements:** For capstone project, designed and built a system of web server, restful api and mobile app for voluntary computing on Android devices.

## Projects

- At Empg Labs, designed and built a SaaS product for property sales and customer management using modern node typescript web stack with TDD (Jest, Jasmine) and CI/CD (CircleCI, Docker, AWS). This includes an Angular app connected with Node Express server via Rest API and Prisma as ORM to a Postgres db.
- At Empg Labs, developed features using node.js stack for company's flagship product that is similar to salesforce but tailored to property sales workflows.
- At Landmark Resources, worked on various geo-scientific apps with streaming data and relational databases.
- At Comsats University, for capstone project, designed and built a system of rest api server and mobile app for voluntary computing on Android devices. Built an Android app, Rest API & MongoDB.
- Learned JAM stack and built my personal website on Github pages using GatsbyJS.

## Other

- Linkedin Learning Certificates.  
<https://xalkan.github.io/skills/>
- Contributed to an open source project.  
<https://github.com/mattermost/desktop/pull/1135>
- A simple github profile viewer using React and Bootstrap.  
<https://github.com/xalkan/reactGithubApp>
- Movies app using React, Bootstrap and omdbapi.  
<https://github.com/xalkan/ReactMoviesApp>
- Bookstore app using Angular, Express, Node and MongoDB.  
<https://github.com/xalkan/bookstore>
- Continuous Learning.  
<https://github.com/xalkan/learning-modern-backend-tech>