

Waseem Jan

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EXPERIENCE

Tasq.io: Senior Full Stack Engineer, Remote

Nov 2022 - May 2024

Led a team of 4 Developers, driving the successful completion of multiple projects.

- Optimized performance by implementing database projection, down sampling, and resolving N+1 selection issues.
- Consolidated more than 20 services into a single polyolith repository, enhancing backend system maintainability, testability, and scalability. Utilized GitHub actions for concurrent deployments.
- Converted scheduled workflows to event-driven workflows, enabling real-time processing.
- Achieved notable reductions in infrastructure costs by utilizing AWS VPC endpoints and serverless computing.

BriteCore: Senior Full Stack Engineer, Remote

May 2018 - June 2022

Built generic insurance risk configuration service for all types of risks like Health, Life, and Property using Django and Vuejs.

- Increased code coverage to 92% with the addition of over 900 automated tests.
- Reduced cache generation task time from 23 minutes (causing timeouts) to 12 seconds on lambda for large risks.
- Conducted code reviews for more than 400 pull requests, identified and suggested solutions to dozens of issues in them.
- Contributed to the legacy product by fixing bugs, adding new features, and enhancing documentation.

Active Capital IT: Senior Software Engineer, Pakistan

Jan 2017 - Apr 2018

Mentored and managed a team of 7 Developers.

- Reduced deployment downtime from 8 hours to 1 hour by deploying the product through docker.
- Scaled Kaltura server (Server for processing videos) by creating a clustered environment to handle increased requests.
- Configured automated pipelines for running unit tests on bitbucket for multiple projects.
- Configured tools like Crontab, Monit, Nginx and created bash and python scripts to make the products more stable.

Chef Galaxy and Cosmos: Co-Founder, Remote

Jan 2015 - Dec 2016

Built Chef Galaxy, a social marketplace for dishes and culinary services like matching Patrons with Chefs for their events.

- Collaborated on planning, designing, and gathering requirements for new features.
- Developed 12 modules, including an advanced chef matching service using Python Flask.
- Developed UI, Backend, Database and Infrastructure all alone as I was the only engineer in the team.
- Architected AWS infrastructure using VPC, EC2, S3, RDS, ElastiCache, Elasticsearch, and CloudFormation.

Crossover: Software Engineer, Remote

Jun 2012 - May 2015

Built from scratch a data visualization project for showing the results of Automated Tests, Code Quality Metrics and Code Coverage of different products. It was used by over 200 internal and external products.

- Led the development of its enriched UI with HTML, CSS, ExtJS4 and Javascript.
- Extensively customized ExtJS components to enhance the user experience.
- Provided cross-browser support including Internet Explorer.
- Used some of the advanced features of ExtJS for custom Themes, Internationalization and Adaptive Web-design.
- Collaborated with the Project Manager for ensuring the alignment of web design and user experience requirements.
- Optimized the Infinite Scroll Grids, Heat Maps and Tree Maps for maximum efficiency.
- Mentored another team member who was an Intern.
- Made some contributions to Java Backend too.

EDUCATION

Ghulam Ishaq Khan Institute | Bachelor of Science in Software Engineering

Fall 2008 - May 2012

- Awarded a full scholarship by the Pakistan Provincial Government.
- Secured top position in computer science projects in Industrial Open House 2012.

SKILLS

Frontend: JavaScript (ES6), Vue.js, Extjs, HTML, CSS

Backend: Python, Django, Flask, Celery, SQL

AWS: EC2, S3, ElastiCache, Opensearch, Lambda, API Gateway, CloudFormation, SQS, SNS.