Waseem Jan

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EXPERIENCE

Tasq.io: Senior Full Stack Engineer, Remote   Nov 2022 - May 2024

Led a team of 3 Developers, driving the successful completion of multiple features and enhancements.

- Reduced response times by 50% on average for over a dozen REST API endpoints by implementing database projection, down sampling, and resolving N+1 selection issues.
- Consolidated more than 20 services into a single polylith repository, improving backend system maintainability, testability, and scalability. Utilized GitHub actions for concurrent deployments.
- Converted scheduled workflows to event-driven workflows, enabling real-time processing.
- Achieved a $20,000 reduction in infrastructure costs by using AWS VPC endpoints, optimizing S3 storage, and improving CloudWatch logs management.

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 over 400 pull requests, identifying and resolving numerous issues to improve code quality.
- Contributed to the legacy product by fixing bugs, adding new features, and enhancing documentation.

Active Capital IT: Senior Software Engineer, Pakistan   Jan 2017 - Dec 2017

Led DevOps initiatives, mentored a team of 2 developers and elevated product stability through customized tooling and scripting.

- 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 Crontab, Monit, and Nginx, and created bash and Python scripts to make the products more stable.

Chef Galaxy and Cosmos: Co-Founder, Remote   Jan 2015 - Dec 2016

Developed Chef Galaxy, a marketplace connecting patrons with chefs for dishes and culinary services, including event catering.

- 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 independently 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

Engineered a comprehensive data visualization dashboard from the ground up 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 an enriched UI with HTML, CSS, ExtJS4 and Javascript.
- Customized ExtJS components to enhance the user experience.
- Provided cross-browser support including Internet Explorer.
- Utilized advanced features of ExtJS for custom Themes, Internationalization and Adaptive Web-design.
- Collaborated with the Project Manager to align web design with user experience requirements.
- Optimized the Infinite Scroll Grids, Heat Maps and Tree Maps for maximum efficiency.

EDUCATION

Ghulam Ishaq Khan Institute | Bachelor of Science in Software Engineering   Aug 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, FastAPI, Celery, SQL
AWS: EC2, S3, Elasticache, Opensearch, Lambda, API Gateway, CloudFormation, SQS, SNS, DynamoDB