Syed Waleed Masoom

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Summary

- 2+ years of full stack web development experience and providing creative solutions.
- Loving work with Golang and Kubernetes.
- Looking to become a NeoVim wizard
- Developed and deployed modern web applications using reliable and scalable backend design patterns.

Technical Skills

Languages: Golang, PHP, React.JS, SQL, Python, Bash, C

Tools: Git, Kubernetes, Protobuf, CMake, MySQL, Postman, Linux, Docker, WSL2, VirtualBox, VBScript, Redis, Grafana, AWS RDS

Professional Experience

FreeAgent CRM   Remote
Software Engineer   Jun 2022 – Present

Technologies used: Golang, Protobuf, Kubernetes, React.JS, Redis, MySQL, AWS (Lambdas, Cloudwatch, SQS, S3, Aurora), REST APIs, Linux

- Improved query performance 30x and reduced database load by refactoring self joins
- Integrated and consumed other microservices to a brand-new reporting microservice using Twirp (RPC framework powered by protobuf schemas)
- Proactively improved processes and local dev tooling to promote better development experience for everyone
- Learned new technologies and the internal microservices systems quickly to begin implementation work

De Havilland Aircraft Company of Canada   Toronto, ON
Software Engineer   May 2019 – Jun 2022

Technologies used: Custom PHP 7 MVC framework, Node.JS, HTML5, CSS3, jQuery, AJAX, JavaScript, Oracle 12 DB (PL/SQL), Git, VBA, Unix Environment, Apache

- Saved 20% of engineering hours by shipping software according to business requirements.
- Reduced report generation time by 65% and errors by 50% by automating CRM process.
- Increased error debugging efficiency by 70% by creating new error controller.
- Boosted development efficiency by 30% by optimizing code for HTML element generation.

Bombardier Commercial Aircraft   Toronto, ON
Jr. Software Engineer   May 2018 – May 2019

Technologies used: Custom PHP 7 MVC framework, Node.JS, HTML5, CSS3, jQuery, AJAX, JavaScript, Oracle 12 DB (PL/SQL), Git, VBA, Unix Environment, Apache

- Improved KPI report generation time by 90% and data analysis effort by 40% by automating governance
- Decreased team paperwork for projects by 70% by creation of a Wiki web module for documentation
- Enhanced FTP modules to cut down manual effort by 90% by adding a recursive search feature
- Saved 20+ hours per project by coding Access application to replace restricted materials excel file

Education

Bachelor of Engineering (B.Eng.), Aerospace Engineering   Sept 2015 – Jun 2020
Ryerson University   Toronto, ON