Haseeb Khan

403-519-5789 | haseebadilkhan@gmail.com | linkedin.com/in/k-haseeb | github.com/haseebk

SUMMARY

I am a Canadian full-stack software engineer with 4+ years of experience in designing, developing, and delivering web applications using technologies like C#, React, PostgreSQL, and AWS.

EDUCATION

University of Calgary   Calgary, AB
Bachelor of Science in Software Engineering

Nanyang Technological University   Singapore
GEM Trailblazer Summer Programme   *July 2022*

EXPERIENCE

Software Engineer   Sept 2022 – Present
Deltek Replicon   *Calgary, AB - Remote*

- Owned full-stack development and investigation of business-critical customer impacting incidents, delivering resolutions and high-impact features using a **C#**, **PostgreSQL**, **JavaScript**, and **AWS** stack.
- Developed and maintained a microservice that processes **100+ million** monthly production requests with **99.9% up-time**, using **Elasticsearch**, **DynamoDB**, **Redis**, **ECS**, and **Beanstalk** for scalable & reliable data sync.
- Implemented **uuidv7** for time-ordered unique identifiers, improving DB write performance and scalability by **reducing index fragmentation** and enhancing query efficiency.
- Optimized **PostgreSQL** queries to improve performance of all list pages by **83%**.
- Mentored and on-boarded interns and junior engineers through structured code base exploratory projects and **1:1 knowledge-sharing** sessions.
- Led engineers to optimize **Code Pipelines** tests, cutting infrastructure costs through reducing runtime by **30%**.

Software Engineer Intern   May 2021 - Sept 2022
Deltek Replicon   *Calgary, AB - Remote*

- Implemented **GitHub merge queues** to reducing **CI/CD** deployment failures by **60%**.
- Rewrote **WDIO** & **Mocha** acceptance tests to eliminate flakiness, increasing pipeline stability by **35%**.
- Consolidated **9 VS** solutions into one, cutting developer machine processor usage by **45%** and disk usage by **71%**.

QA Engineer Intern   Jan 2021 – May 2021
QuirkLogic Inc.   *Calgary, AB - Remote*

- Implemented comprehensive test automation for hardware, software, and mobile applications for **Papyr** & **Quilla** devices, increasing test coverage by **50%** and reducing manual testing time by **40%**.

PROJECTS

AXS Map | *Node.js, Express.js, MongoDB, React, Google Maps*   Sept 2022 – Apr 2024

- Automated deployment workflow using **AWS S3**, **EC2**, and **CloudFront** with **GitHub Actions** for **CI/CD**.
- Added Spanish, French, and Japanese support, expanding the user base and improving accessibility for users.

Finberry | *Node.js, Express.js, MongoDB, React, TwelveData, Firebase* Sept 2022 – May 2023

- Led a team of 5 developers utilizing **Jira** to create a simulated investing application to promote financial literacy.
- Incorporated real-time stock information from **TwelveData** into a **MERN** stack hosted on **Vercel** & **Firebase**.
- Ensured support for over **10,000** user requests per minute and over **50** concurrent users.

TECHNICAL SKILLS

Languages: C#, JavaScript, TypeScript, Java, C/C++, Golang, Python, SQL (Postgres), HTML/CSS
Frameworks: React, Node.js, .NET, Mocha, MUI, Redux, SASS/SCSS, Webpack, GraphQL, Redis, Memcached, OAuth, ElasticSearch, Terraform
Tools: Git, Jira, Docker, AWS, VS Code, Visual Studio, IntelliJ, Eclipse, Jenkins, Kubernetes