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ABDULLAH S. KHAN

SOFTWARE ENGINEER

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Software Engineer specializing in full-stack and back-end development, with experience building scalable web applications using JavaScript, TypeScript, React, and Node.js. Proficiency in Java and Python programming languages, AWS, GCP, and CI/CD pipelines, with hands on experience using Kubernetes, I focus on writing clean, maintainable, and well-documented code while implementing best practices in testing, security, and accessibility. I thrive in Agile, cross-functional teams, engaging in code reviews, troubleshooting, and problem-solving to deliver customer-focused solutions. Committed to continuous learning and keeping up to date with emerging technologies, I am excited to work alongside talented individuals building high-quality software at scale.

WORK EXPERIENCE

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| Software Developer | KPMG LLP- Toronto, ON (Hybrid) | November 2022 – November 2023 |
| <ul style="list-style-type: none">Integrated 100+ applications for large bank's infrastructure, resolving issues 15% ahead of schedule, ensuring smooth onboarding and exceeding client expectations.Led an agile team as scrum master to deliver a prototype within a 4-week sprint, improving report generation efficiency by 60-80%.Collaborated with team members through agile lifecycle (from planning to retrospective) to identify process improvements and define and communicate best practices.Developed an automation tool in Python to generate security reports with embedded data visualizations, reducing generation time by 2-3 days and gaining stakeholder interest. | | |
| Software Engineer Intern- Full-stack | PeerSupport.io- Remote, Canada | February 2022 – April 2022 |
| <ul style="list-style-type: none">Developed full-stack web features using React, Node.js, Express, PostgreSQL to deliver a responsive, user-friendly experience.Improved system performance through implementing secure, scalable APIs in Node.js and Express, ensuring smooth data flow and improved application functionality.Actively participated in Agile sprints, including peer code reviews and test-driven development, ensuring high-quality code deployment within tight deadlines. | | |
| Software Engineer Intern- Back-end | eWorx- Remote, Canada | February 2022 – April 2022 |
| <ul style="list-style-type: none">Delivered secure API integrations applying REST principles for a multi-platform eCommerce integrator, boosting back-end performance and data synchronization.Optimized system performance by designing an ETL pipeline to aggregate data from multiple sources into a MySQL database, reducing load times and improving latency.Collaborated on architectural decisions influencing relational database roadmaps, reducing technical debt and enhancing application efficiency.Updated detailed technical documentation for APIs, back-end systems and database schemas, streamlining development processes, improving cross-functional team collaboration and long-term maintainability. | | |
| Software Engineer Intern- Back-end | Behavior- Remote, US | February 2022 – March 2022 |
| <ul style="list-style-type: none">Centralized state management with React Query to share application resources, reducing database calls by 30-40% improving efficiency.Worked closely with the CTO to optimize Google Firestore operations using TypeScript, improving NoSQL data retrieval and reducing costs.Refactored Redux components through integrating React Query using TypeScript, improving maintainability and modularization. | | |
| Full-stack Engineer | Romh's Educational Services- Remote, Canada | June 2019 – December 2019 |
| <ul style="list-style-type: none">Built a full-stack web application that automated 50% of business processes, enhancing operational efficiency and reducing manual workload through digital transformation.Implemented a scalable, maintainable solution using best practices, SOLID principles and WordPress API, ensuring ease of use and maintainability for non-technical users.Created and maintained written documentation, ensuring accuracy and relevance for ongoing development efforts. | | |
| Software Developer / Data Analyst Co-op | London Hydro- London, Canada | May 2018 – August 2018 |
| <ul style="list-style-type: none">Streamlined data collection from various APIs using Python, contributing to core software features.Created insightful reports measuring metrics for client engagement, fostering stakeholder attention leading to new project initiatives.Developed real time data-driven dashboards using SQL and Tableau, enabling executives to make strategic business intelligence decisions | | |

SKILLS

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| Programming Languages: | Python, Java, HTML, CSS, JavaScript, TypeScript, SQL |
| Libraries, Frameworks, Databases: | Node.js, Express, React, Redux, Bootstrap, Ruby on Rails, PostgreSQL, Sequelize ORM, NoSQL |
| Technologies, Tools, & Other: | Git, CI/CD pipelines, AWS, GCP, Kubernetes |
| Testing & QA: | Mocha, Jest, Storybook, Cypress |

EDUCATION

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| Full-stack Web Development Diploma Lighthouse Labs | October 2021 - January 2022 |
| Bachelor of Science- Specialization in Computer Science Western University - London, Canada | Class of 2019 |
| Bachelor of Management and Organizational Studies Western University - London, Canada | Class of 2014 |