ABDULLAH S. KHAN - SOFTWARE ENGINEER

abdullahshamskhan@gmail.com | 416-451-9790 | Linkedin: /abdullahskhan | Github: /akhan445 | Website: www.abdullahkhan.io

Full Stack Software Engineer with 2+ years of experience building web applications, backend systems, and automation solutions across startup and enterprise environments. Proficient in modern JavaScript/TypeScript stack (React, Next.js, Node.js, Nest.js) with Python for scripting and data processing. Experienced with SQL/NoSQL databases, cloud infrastructure (AWS, GCP), and leveraging AI-assisted development tools (Cursor, OpenAI, CoPilot) to accelerate delivery. Passionate about building smart, scalable applications solving real problems, delivering business value.

TECHNICAL SKILLS

• **Core Stack:**	JavaScript/TypeScript, Python, Java, Node.js, React, Next.js, Express, Nest.js
• **Database & APIs:**	PostgreSQL, Prisma ORM, MongoDB, Firestore, REST APIs
• **Cloud & DevOps:**	AWS, GCP, Docker, CI/CD (GitHub Actions), Linux, Kubernetes
• **Testing & Quality:**	Jest, Pytest, Mocha, Storybook
• **Tools:**	Git, Jira/Confluence, Cursor AI, Agile/Scrum Methologies
• **AI/ML, Specialties:**	Prompt Engineering, LLM Evaluation, Python Automation, Data Processing (Pandas), FastAPI

PROFESSIONAL EXPERIENCE

Full Stack Software Engineer | Nomad Fuel | Hybrid   November 2025 – December 2025
- Developed as a full stack engineer using React, Next.js, Node.js, Nest.js TypeScript, Prisma ORM with PostgreSQL, and Zod for runtime validation.
- Fixed production bugs and implemented full stack features using agile methodology managing sprint cycles with Jira and Confluence for technical documentation.
- Leveraged Cursor AI and modern development workflows in a high velocity startup environment.
- Automated batch processing of cards and payment transactions using Python scripts for data handling and reporting.
- Deployed and maintained applications on GCP infrastructure with GitHub Actions, for CI/CD pipelines.

Software Engineer – AI / ML Model Annotation, Evaluation & Testing | Outlier AI | Remote   August 2024 – September 2025
- Evaluated AI generated code in Python, JavaScript, and Java from LLMs for bugs, accuracy and adherence to requirements.
- Analyzed model's ability to understand user's prompt requirements, identifying gaps and providing structured feedback to improve model comprehension.

Software Developer | KPMG LLP | Toronto, ON (Hybrid)   November 2022 – November 2023
- Developed Python automation tool for security report generation, incorporating data processing and visualization, reducing report turnaround time by 2-3 days.
- Built a functional prototype within a 4-week agile sprint, improving report efficiency by 60-80% gaining cross-department stakeholder interest.
- Integrated 100+ applications for large bank's IAM infrastructure, resolving issues 15% ahead of schedule while ensuring client satisfaction and exceeding expectations.

Software Engineer | Contract Positions | Remote   February 2022 – November 2022
  Full Stack Software Engineer | PeerSupport.io (Mental Health Platform)
- Developed full stack features using React, Node.js, Express, PostgreSQL with RESTful API architecture.
- Implemented secure, scalable backend APIs, ensuring efficient data flow and improved system functionality.
- Participated in agile sprints with peer code reviews, delivering high-quality code deployment within tight deadlines.
  Backend Software Engineer | eWorx (E-Commerce Platform)
- Developed and optimized backend services in Node.js and Express for a multi-platform e-commerce integration.
- Integrated third-party APIs into existing integral PostgreSQL system, enabling real-time data synchronization.
- Contributed to database optimization discussions, reducing technical debt and enhancing application efficiency.
  Backend Software Engineer | Behaviour (Mental Health / Analytics Platform)
- Collaborated to optimize data storage operations using TypeScript, improving GCP Cloud Firestore query performance.
- Mitigated Redux state management to React Query, improving code quality through enhancing modularity.
- Centralized stat management to real-time, reducing database calls by 30-40%, reducing costs and improving application proficiency.

EARLY CAREER

Full Stack Engineer Intern | Romh's Educational Services | Remote   June 2019 – December 2019
- Built a full stack web application that automated 50% of business processes, enhancing operational efficiency and reducing manual workload through digital transformation.

Software Developer / Data Analyst Co-op | London Hydro | London, Canada   May 2018 – August 2018
- Streamlined data collection from external APIs using Python scripting into internal systems, contributing to core software features.
- Developed real-time integration with data-driven dashboards using SQL and Tableau, enabling executives to make strategic business intelligence decisions.

EDUCATION

Full Stack Development Diploma | Lighthouse Labs   2022
Dual Bachelor's – Computer Science & Management and Organizational Studies | Western University | London, Canada   2019