

Daanyaal Sobani

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SUMMARY

Senior Software Engineer with 5+ years shipping production software across the full stack. Proven experience designing scalable backend services in Python and C#, full-stack web apps in JavaScript, and containerized services on AWS with Docker. Strong in PostgreSQL/MySQL schema design, REST APIs, CI/CD, and agile delivery, with a record of leading projects end-to-end from design through deployment.

EXPERIENCE

Propel Holdings | *Senior Software Engineer / Senior Data Engineer* **Apr 2023 - Present**

- Designed and shipped distributed Python services on AWS that process 500GB+ of daily transactional data, owning the full development lifecycle from architecture through deployment, monitoring, and maintenance
- Built a Git-versioned domain-specific language framework with CI/CD pipelines, applying clean, readable, and testable code practices and rigorous peer review
- Architected backend schemas and SQL data models to consolidate enterprise data sources, supporting performant downstream queries and reliable APIs
- Optimized MySQL stored procedures and complex queries, improving performance by 60% via indexing, execution-plan analysis, and refactoring
- Containerized services with Docker for consistent multi-environment deployment, improving release reliability and developer velocity
- Built real-time analytics dashboards in Python and SQL, partnering with cross-functional stakeholders to translate requirements into shipped features in an agile environment
- Participated in system design discussions and code reviews, providing constructive feedback and elevating engineering standards across the team

Rogers Communications | *Network Engineer* **Mar 2022 - Apr 2023**

- Designed and deployed a JavaScript web application leveraging the Google Maps API for real-time geospatial visualization, improving decision-making for the sales team
- Wrote Python automation processing 60MB+ files from 10+ sources to generate stakeholder reports, with Git source control and code review
- Built and migrated a centralized repository for 300+ department files, improving discoverability and ownership

PricewaterhouseCoopers LLC | *Associate Software Developer* **Feb 2019 - Jan 2020**

- Developed a full-stack C# application to automate major accounting workflows for a publicly traded loyalty points provider, reducing client workload by 40 hours/month
- Authored API and database documentation for multiple teams, enabling smoother integrations and faster onboarding
- Delivered 3+ C# projects on schedule in an agile (Scrum) environment, participating in planning, peer review, and release

The Emerging Media Lab, UBC | *Software Developer* **May 2018 - Feb 2019**

- Launched apps with complex features to meet project specifications within set deadlines and built Unity3D prototypes to accelerate product development cycles

EDUCATION

University of British Columbia | *Bachelor of Applied Science, Electrical Engineering*

SKILLS

- **Programming Languages:** Python, JavaScript, TypeScript, C#, SQL, C++, PHP
- **Backend & Frontend:** REST API Design, Microservices, Express-style Services, Message Queues-, JavaScript/HTML/CSS, React-style Component Frameworks
- **Databases:** PostgreSQL, MySQL, Oracle SQL, Schema Design, Query Optimization, Stored Procedures
- **Cloud & DevOps:** AWS, Docker, CI/CD Pipelines, Git, Agile/Scrum
- **Engineering Practices:** System Design, Code Review, Unit & Integration Testing, Full SDLC Ownership, Performance Tuning