

# Sameed Baqai

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## Summary

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3+ years experience of Scalable applications & RESTful APIs. Proficient skill sets include Node.js, .NET, & Python on backend and React, TypeScript on frontend. Skilled including database design (PostgreSQL, SQL Server, DynamoDB) and authentication mechanisms (JWT) on AWS cloud and ETL processes within Agile development.

## Technical Skills

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**Languages:** JavaScript, TypeScript, Python, SQL, C#, HTML/CSS

**Backend:** Node.js, Express, .NET 6+, Django, RESTful API Design, JWT Authentication

**Frontend:** React, TypeScript, Tailwind, React Hooks, HTML5

**Databases:** PostgreSQL, Microsoft SQL Server, Redis

**Cloud & DevOps:** AWS (Lambda, EC2, S3, RDS, DynamoDB), Docker, CI/CD, Git

**Tools:** Postman, Agile/Scrum

## Professional Experience

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**Software Engineer, Smartmicros** – San Diego, CA (Remote)

Jun 2023 – Dec 2024

- Built Django/Python SaaS platform with AI chatbot that helps car dealerships capture leads and schedule test drives. Deployed across 50+ dealerships who use it daily to engage with website visitors.
- Designed PostgreSQL database schema with role-based access controls to handle multi-tenant architecture, supporting 200+ users across different dealership locations while keeping their data separate.
- Developed REST APIs for lead management that track the entire customer journey from initial contact to closed deals, which cut down manual data entry significantly.
- Implemented JWT authentication integrating Google, Microsoft, and Okta SSO, plus built an email invitation system for dealerships to onboard their team members.

**Full Stack Developer, TST CF Express** – Toronto, ON

May 2022 – May 2023

- Built data pipelines in .NET 6 and SQL Server to process daily shipment records, focusing on accuracy and detailed error logging to catch issues early.
- Created APIs for driver scheduling and route optimization that helped reduce fuel costs by around \$150K annually through smarter routing.
- Deployed applications on AWS using EC2, Lambda, and S3 with auto-scaling to handle traffic spikes during busy periods.
- Collaborated with the product team throughout the development cycle, working in two-week sprints to turn requirements into shipped features.

**Software Developer (Co-op), IRCC** – Toronto, ON

Aug 2019 – Dec 2019

- Built a monitoring dashboard using JavaScript and backend APIs that made it easier for enterprise users to troubleshoot issues themselves, reducing support ticket volume by about a third.
- Wrote technical documentation for APIs and system architecture, making sure everything met government security requirements and WCAG 2.0 accessibility standards.
- Worked in an Agile environment with regular sprint planning, standups, and retrospectives.

## Projects

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### **ProductPipeline – Personal Item Management Kanban** | *React, Node.js, Express.js, PostgreSQL, JWT*

- Full-stack application with React/TypeScript frontend, Node.js/Express.js, JWT authentication, and PostgreSQL database.
- Implemented product listing and categorization with RESTful endpoints and ML-based price prediction using Python and scikit-learn.

### **Valheim Discord Bot** | *AWS Lambda, Python, EC2, Discord API, Boto3*

- Serverless Discord bot using AWS Lambda and Python to manage EC2 game server lifecycle reducing hosting costs by 70%.

## Education & Certifications

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**Bachelor of Science in Computer Science** – Brock University

June 2022

**AWS Certified Cloud Practitioner** – Amazon Web Services

Sept 2025