

Sameed Baqai

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Summary

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

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

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

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

Bachelor of Science in Computer Science – Brock University

June 2022

AWS Certified Cloud Practitioner – Amazon Web Services

Sept 2025