

# ANTOINE GATON

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## SUMMARY

Versatile Software Engineer with expertise in full-stack web and mobile development, cloud solutions, and API design. Skilled in React, Next.js, Django, ASP.NET Core, and Firebase, with a strong background in designing scalable applications and microservices. Experienced in both front-end and back-end development, mobile app creation, cloud deployment, and database design. Passionate about building user-centric solutions and optimizing performance.

## EXPERIENCE

### Owner & Lead Developer

Oct. 2024 – Present

Code Monkey Studios LLC

Fort Lauderdale, FL

- Built and deployed 10+ full-stack web and mobile apps with React, Next.js, and Firebase
- Leading the development of a pet service app for 200+ users, integrating AI features and real-time booking.
- Built cloud-hosted apps on AWS and Firebase with real-time sync, push notifications, and API integrations.
- Managed 5+ client projects, ensuring 100% on-time delivery and high client satisfaction.

### Software Engineer

Nov. 2022 – Nov. 2024

TD Bank

Fort Lauderdale, FL

- Developed 3+ high-availability APIs, ensuring 99.99% uptime for millions of daily transactions.
- Built a React-based dashboard, cutting system downtime by 25% and enhancing performance monitoring.
- Automated testing workflows with Python, reducing manual effort by 40%.

### Teacher's Assistant

Sep. 2021 – August 2024

Coding Dojo

Bellevue, WA

- Mentored 300+ students, conducting 50+ live coding demos and facilitating 1,000+ code reviews improving student retention and performance.
- Conducted 1000+ code reviews, supporting students in debugging and problem-solving, leading to a 90% course completion rate.
- Conducted weekly mentorship sessions with 50+ students, contributing to a 95% graduation rate.

## PROJECTS

### Pet Service Mobile App (In Development – Private Repository) | React Native, Firebase | [GitHub Repo]

Objective: Developing a mobile app projected to handle 500+, based on market research and client estimates, for bookings per month, integrating Firebase for real-time scheduling and Stripe for seamless payment for a pet service business, A Pet Nose Best LLC.

- Implementing real-time booking and scheduling system with Firebase Firestore, ensuring seamless pet service reservations.
- Developing secure authentication and user profiles using Firebase Authentication, supporting role-based access for clients and pet service providers.
- Implementing AI-driven pet activity tracking, expected to increase customer engagement by 40% through smart notifications and personalized pet insights.

### DoughDough Pizzeria | Next.js, Firebase | [Site]

Objective: Developing a dog service mobile app projected to handle 500+ bookings per month, based on market research and client estimates.

- Designed an end-to-end ordering system that reduced processing time by 30%, improving pizzeria operations.
- Deployed multi-factor authentication (MFA), enhancing platform security and reducing fraudulent logins by 80%.
- Designed and deployed a responsive UI, ensuring seamless user experience across devices.

## AWARDS

**Magna Cum Laude:** Colorado Technical University. 2024

**President's List:** Colorado Technical University. 2022, 2023

**Dean's List:** Colorado Technical University. 2023, 2024

## TECHNICAL SKILLS

**Languages:** C#, SQL, Python, JavaScript, C++, Java

**Frameworks & Libraries:** ASP.NET Core, .NET 6/7, Entity Framework Core, Dapper, React, Next.js, Django, Flask

**Developer Tools:** Visual Studio, Git, Docker, Postman, MySQL Workbench, Azure DevOps, AWS

**Key Skills:** REST API Development, SQL Security, Authentication (ASP.NET Identity), Microservices Architecture, Test-Driven Development (TDD), Cloud Deployment (AWS, Firebase, Azure)

## EDUCATION

### Colorado Technical University

Colorado Springs, CO

Bachelor of Science in Computer Science

Coding Dojo

2024  
Bellevue, WA

Certificate in Software and Full-Stack Development

2021