

Antoine Gaton

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TECHNICAL SKILLS

- **Languages:** HTML, CSS, Python, JavaScript, C#, SQL, Java, C++, COBOL, JCL
- **Libraries/Frameworks:** Flask, Jinja2, BCrypt, PyMySQL, Node.js, React, Express.js, Mongoose, SQLAlchemy
- **Databases:** MySQL, MongoDB, DB2, IMS
- **Tools:** Git, GitHub, VSCode, Postman, MySQL Workbench, MongoAtlas, JIRA, Confluence

TECHNICAL PROJECTS

Invoice Automation App | Software Developer

React/Electron application that automates the creation of invoices using DocxGenerator.

- Developed a React/Electron-based application for automating invoice creation for clients.
- Integrated DocxGenerator to dynamically generate DOCX files with user-provided information.
- Designed a user-friendly interface to streamline the invoicing process and improve efficiency.
- Enabled document generation with accurate templating, reducing manual input and errors.

Game Tracker CLI Application | Software Developer | [\[GitHub\]](#)

Python/PostgreSQL application to manage video game collection and progress.

- Developed a command-line interface (CLI) application to sync owned games from the Steam API and track playtime.
- Integrated HowLongToBeat API to fetch game completion times for the main story, extras, and completionist modes.
- Utilized SQLAlchemy to manage game data in a PostgreSQL database, enabling easy updates and queries.
- Built features to update game statuses (Backlog, Playing, Done), display games by status, and manage user input efficiently.
- Designed with extensibility in mind for future conversion to a Django web app, ensuring scalability.

Client Website | Front-End Developer | [\[Site\]](#)

Developed a website for a dog-walking business using HTML, CSS, and JavaScript.

- Created a responsive website that allows users to book appointments online and browse services.
- Designed and implemented interactive features such as booking forms and service overviews.
- Incorporated client testimonials and a service showcase, improving the business's online presence.
- Ensured smooth user experience through front-end optimization and responsive design.

PROFESSIONAL EXPERIENCE

Software Engineer | TD Bank | Remote | 2022 - Present

- Collaborated with cross-functional teams to develop and maintain mainframe applications, improving performance by 20%.
- Debugged and resolved over 20 issues in the existing codebase, enhancing application functionality and user experience.
- Actively participated in Agile development processes, leading to a 15% increase in sprint efficiency and productivity.
- Developed a secure API for processing and transmitting customer account information for tax forms, ensuring compliance with data privacy regulations.
- Enhanced and maintained savings and investment account systems using Java and mainframe technologies, improving system reliability by 25%.

Teaching Assistant | Coding Dojo | Remote | 2021 - 2024

- Assisted instructors through small lectures and live demos in Python, JavaScript, C#, and Java, helping over 100 students.
- Conducted over 200 code reviews, providing support for students in debugging and problem-solving, resulting in a 90% course completion rate.
- Engaged in weekly check-ins with 50+ students to monitor progress and support learning, contributing to a 95% satisfaction rate.

EDUCATION

CTU | BS:CS | Online | 2024

- Focus on a comprehensive knowledge of algorithms, data structures, and software engineering principles.

Coding Dojo | Full-Stack Development | Online | 2021

- Immersive Full-Stack Training Program in Python, C#, and JavaScript

ACHIEVEMENTS

- Developed a full-stack web application using React and Node.js for internal use, fetching datasets from the mainframe and generating log reports, improving data accessibility by 30%.
- Achieved a 3.9 GPA in the BS in Computer Science program at CTU.
- Consistently named to the President's and Dean's List for academic excellence.

