

# Jeremy Lamb

## Python Developer

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📁 [Portfolio](#)

🏠 [HackerRank](#)

Results-driven Python software developer with a strong foundation in coding, problem-solving, and teamwork. Proficient in Python, with experience in web development, data analysis, and application design. Adept at collaborating with cross-functional teams to deliver efficient and scalable solutions. Strong analytical skills, a commitment to best practices, and a track record of meeting project deadlines. Looking to contribute to innovative projects and develop my Python skills.

## Experience

### Apoca Games - Dallas, TX | Software Developer

Jun 2023 – Present

- Developed multiple games using Python and GDScript, both solo and collaboratively.
- Independently initiated and executed more than five game projects from concept to completion.
- Architected resilient web-based applications using SQL and Python synergy.
- Collaborated effectively within multidisciplinary teams, applying strong programming and scripting skills to realize intricate game mechanics.

### At-Home Computer Design and Software - Dallas, TX | Python Software Developer

Feb 2020 – Jun 2023

- Streamlined database management projects by revamping and integrating Python web services, including REST and SOAP, utilizing Pandas and Numpy for improved functionality.
- Automated workflows with a robust backend database API, resulting in a 15% increase in productivity.
- Implemented change control best practices to enhance software upgrades, effectively reducing customer complaints.
- Collaborated seamlessly to ensure the accurate implementation of software development changes.
- Developed, designed, and tested more than 5,000 code fixes and enhancements for future code releases and patches.
- Conceptualized and developed methodologies for database and table structure architecture for web applications, optimizing overall efficiency and performance.
- Successfully troubleshooted and resolved over 2,000 software bugs, meticulously documenting resolutions for the support team, thus establishing a centralized knowledge base for future reference.
- Spearheaded design, development, and testing processes for software improvements and enhancements.

## Projects

### ApocaShift

Godot, Python, GDScript

- Independently conceived and developed the "ApocaShift" game using Python and GDScript, highlighting my programming prowess and creativity.
- Transformed innovative ideas into interactive gaming experiences.
- Ongoing dedication to pushing the boundaries of innovation in game development and Python/GDScript programming.
- Reflected my passion for game development and programming excellence in the "ApocaShift" project.

### Secure App Authenticator with Firebase Admin

Firebase admin, Python, Tkinter

- Successfully implemented Firebase Admin to establish a secure and user-friendly login process, enabling users to register, sign in, and recover their passwords while adhering to industry-standard security protocols.
- Utilized Python for efficient data synchronization and management, integrating Firebase Realtime Database for secure user profiles and application data.
- Passwordless authentication through email verification and other methods enhanced the user experience.
- Enhanced the application's functionality with seamless authentication using Python and Tkinter.

### Dealership-CRM

Python, Tkinter, Pandas

- Provided a comprehensive overview of customer data to enable dealerships to better serve customers.
- Streamlined sales activities, making it easier to track leads, customer interactions, and sales progress.
- Enhanced customer relationship management, enabling personalized communication and improved customer service.
- Integrated Pandas to simplify data handling and analysis, ensuring dealership data-driven decisions.

## Projects

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### Language Flashcards

*Python, Tkinter, Pandas, Restful API*

- Enriched the user experience by offering a wide range of frequently used words in four different languages, facilitating language mastery.
- Utilized Python and Tkinter to develop an interactive and user-friendly interface, enhancing the learning process.
- Integrated Pandas for efficient data management, making it easy to update and expand the word database.
- Leveraged a Restful API to provide real-time access to language resources and ensure up-to-date content for learners.

### Business Website

*HTML, CSS, Javascript*

- Created an aesthetically pleasing and intuitive website for the client's business using my web development skills.
- Employed HTML, CSS, and JavaScript to develop interactive elements and ensure a seamless user experience.
- Implemented responsive design principles, making the website adaptable to different devices and screen resolutions.
- Collaborated closely with the client's team to understand their requirements and provide a tailored web solution that met their needs.

### Deekokolypse

*Python, Tkinter, CustomTkinter*

- Designed and created a captivating game entirely in Python, showcasing proficiency in game development.
- Utilized the Tkinter library, including custom Tkinter elements, to build a visually appealing user interface.
- Developed over 1300 lines of code to ensure a robust and immersive gameplay experience.
- Delivered an engaging and extensive gameplay, promising an enjoyable gaming experience to the players.

## Education

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Texas A&M University - Commerce - Commerce, Texas

*Aug 2020 - Jun 2022*

- Bachelor of Business Administration

## Certifications

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- Python (Basic) (*HackerRank*)
- Udemy - 100 Days of Code: The Complete Python Pro Bootcamp for 2023

## Skills

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- Data Analysis
- Problem-Solving
- Software Design
- Collaboration
- Debugging
- Python
- API Integration
- Flask
- SQL
- Web Development
- Teamwork
- Data Structures
- Algorithms
- Version Control (e.g., Git)
- Test-Driven Development (TDD)

## Competencies

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- Proficient in Python, GDscript, C#, HTML, and CSS for diverse software development.
- Experienced in utilizing Pandas, Numpy, Tkinter, BeautifulSoup, Selenium, Restful API, Flask, and SQL for enhanced application functionality.
- Strong web development skills using HTML, CSS, and Tkinter for Python GUIs.
- Skilled in data manipulation with Pandas and Numpy, facilitating effective data analysis.
- Proficient in web scraping and automation with BeautifulSoup and Selenium for data collection and processing.
- Competent in building and integrating RESTful APIs for seamless data retrieval.
- Proficient in SQL for database management and data-driven decision-making.
- Adept at problem-solving and debugging, following best practices in software development.
- Collaborative team player, contributing to cross-functional projects and meeting deadlines.
- Committed to test-driven development (TDD) and version control with Git for code quality and collaboration.

## References

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- *References will be provided upon demand.*