

Forrest Jones - Software Engineer

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Full stack web developer with a passion for creating user experiences that are both entertaining and aesthetically pleasing. With experience in Python, Java, Web3's Solidity, JavaScript, TypeScript, and React. I have a deep background in private equity and fin-tech, financial markets, sales, CFO work, and general business expansion. I bring strong skills in team-building, training, research, and adaptability. I have spent many years in community leadership and can effectively manage complex projects within the Agile methodologies as a PMI certified Project Management Professional(PMP).

TECHNICAL PROJECTS

The Blessing Machine - [GitHub \(front end\)](#) | [GitHub \(back end\)](#) | [Demo](#)

- + A one-stop JavaScript/Python platform for connecting donors with organizations who need funding. There is no ongoing management from either side. The platform does it all even endowment management which mirrors the Harvard Endowment.
- + AI is used to auto send all of the reporting for ease of use. There is an information API in place to provide users with information
- + on the organization's news feed + a Python mailer function that contacts the respective users with pertinent updates.

ROAM - [GitHub](#) | [Demo](#)

- + A user-friendly event booking platform that allows the user a hassle free way to rent out a space for some extra cash. ROAM does all the heavy lifting. ROAM-is the AirBNB of modern, liv, entertainment venue booking.
- + Built with JavaScript/React, Python/Flask/SQL, and using custom CSS and HTML for the frontend UI.
- + Includes Python enabled AI functionality that sends auto-generated content on demand when triggered
- + Persisted user, entertainer, and venue data is housed in the backend SQL database.

TECHNICAL SKILLS

- + Programming Languages: JavaScript, TypeScript, React, Redux, Java, Python (used in VSCode)
- + Web Development: Flask, Django, Spring Boot, Node.js, RESTful API architecture, HTML, CSS
- + Databases: SQL, MySQL, NoSQL, MongoDB, Salesforce CRM (20+ years), Redtail CRM
- + Blockchain: web3's Solidity, Remix
- + Machine Learning: TensorFlow, PyTorch, NumPy, Pandas
- + Artificial Intelligence: Deep Learning Architectures, LLMs (Large Language Models)
- + Agile Methodologies: Scrum, Kanban, Waterfall
- + Project Management: PMP (Project Management Professional)
- + Proficient in designing and implementing cloud architecture using AWS and Google Cloud, including virtual networks, load balancers, and security configurations.
- + Employed Big O Notation to measure the efficiency and scalability of systems, ensuring optimal performance and resource utilization in cloud-native environments hosted on AWS and Google Cloud. Then used AWS and Google Cloud to migrate on-site servers to cloud-native environments, leveraging serverless computing for heightened efficiency

EMPLOYMENT HISTORY

Furious Inc. LLC - Montgomery, TX *Software Engineer/Team Lead*, November 2017 - Present

- + Responsible for design, development, maintenance of delivery of code and web applications from start to finish. I ensure timely and high-quality project delivery of the end product through Agile accountability and methodology to the customer.
- + Responsible for innovation and revenue growth. These metrics are monitored quarterly; for identifying opportunities for new product creation. Database Management: Responsible for designing and maintaining DB's. Machine Learning and Data Analysis: We utilized various Python libraries such as Pandas, NumPy, and PyTorch for machine learning and data analysis purposes. Additionally, employed TensorFlow for tasks including data analysis, data visualization, and machine learning.
- + I am tasked with continued education pushes to the team on a schedule, usually delivered in our weekly or sprints.
- + The team and I do our best everyday to create the robust, scalable, efficient code that will insure the longevity of Furious Inc.LLC.

Grace Wealth Advisory LLC - The Woodlands, TX *Sales and Service Representative*, April 2003 - November 2017

- + Served in the capacity of a salesperson. I sold mostly insurance products via guerilla style marketing. I knocked on doors, cold called, joined the Chambers of Commerce, Rotary Clubs, and used whatever medium to grow our market share. My other responsibility was to service the customer. Sales and caring for those customers I sold to by serving them with a servant's heart were my dominant tasks.

EDUCATION

Flatiron School - New York, NY - Software Engineer Program/Certification, Graduated May 11th, 2023

- + Full Stack Web Development/Software Engineer Program, Python and JavaScript immersive forming

Lamar University - Beaumont, TX December 2006

- + Bachelor of Arts in General Studies

**references are available upon request*