

Justin Garofolo

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Summary

I am a full stack software engineer based in New York. I bring over a decade of programming experience, with seven years of professional software development experience. My journey has encompassed a dynamic range of technologies and platforms, enabling me to build versatile full stack applications. One of my standout qualities is my constant commitment to learning. I am capable of quickly adapting to new technologies and codebases, ensuring that I stay on the cutting edge of the tech landscape as it continues to evolve.

Teamwork and communication are at the core of my approach to development. I am an advocate of pair programming as a means to facilitate knowledge transfer and harness collective expertise, empowering myself and my colleagues to excel and contribute their best work. My recent roles have given me experience both working on a mobile app with over a million users, alongside greenfield projects for a small number of corporate clients. My professional history includes successful stints as both a lead and senior full stack engineer in a range of company sizes. I'm actively on the lookout for a senior-level role that aligns with my career aspirations and values growth.

I typically work across the stack, implementing new UI features to enhance user experience and orchestrating the development of backend services, always prioritizing efficiency, scalability, and long term maintainability. To provide a tangible demonstration of my skills, I've included examples of my open source contributions spanning a number of modern languages and frameworks. I look forward to the opportunity to discuss how my experience and expertise can add value to your team and projects.

Professional Skills

Python, Go, C#, TypeScript, JavaScript, PHP, C/C++, Rust, React, Vue, Django, MySQL, PostgreSQL, DynamoDB, .NET, Cryptography, HTML, CSS, Dart, Flutter, SOLID, ETL, AWS, GIT, Agile, Scrum, OOP, ORM, REST APIs, CRUD, Communication skills, Code Review, Pair Programming

Employment History

SneakSync

Lead Full Stack Engineer, NY

03/2023 - Present

- Led a cross-functional team of developers in the end-to-end development of two SaaS products (corporate platform and internal tooling) from ideation to successful deployment, resulting in improved internal workflows for our team and our clients.
- Designed and implemented a robust scalable codebase and database architecture for our projects. This enabled seamless growth and adaptability for future enhancements.
- Developed and maintained backend APIs/microservices using a combination of Go and Python, ensuring high performance and reliability for our platform.
- Contributed to a modern and responsive frontend UI using Next.js, leveraging server-side rendering (SSR) to significantly enhance performance and user experience.
- Helped to implement Agile methodology to establish efficient project management processes, resulting in improved team collaboration and increased productivity.
- Facilitated regular meetings with our team to collaboratively refine and prioritize business requirements, ensuring alignment with project goals.
- Provided comprehensive code reviews and constructive feedback to teammates, ensuring adherence to best practices and driving continuous improvement in code quality.
- Collaborated with team members through pair programming sessions to enhance code quality and promote knowledge sharing. I also provided mentorship and guidance to less experienced engineers to foster their professional growth and development.

FloatMe Corp

Senior Software Engineer

01/2022 - 01/2023

- Developed and maintained scalable backend microservices and REST APIs using Go, ensuring high performance and reliability for FloatMe's platform.
- Integrated new UI features using Dart/Flutter, enhancing the user experience and driving increased engagement for our mobile application.
- Built comprehensive unit test suites in both Dart and Go, ensuring robust test coverage and minimizing the risk of bugs and regressions for FloatMe's codebase.
- Refactored components of both the frontend and backend codebase incorporating industry best practices to improve maintainability, resulting in reduced technical debt and increased development efficiency.
- Provided hands-on mentorship and guidance to junior members of the team in areas such as coding best practices, software architecture, and problem-solving techniques.
- Utilized a range of AWS services, including Lambda, DynamoDB, S3, SES, Cloudwatch, and more to ensure seamless functionality and performance for FloatMe's platform.

Suforia LLC

Lead Full Stack Engineer, New York, NY

10/2019 - 11/2021

- Developed and maintained a robust REST API backend using Python and Django REST Framework, ensuring seamless integration with front-end applications and delivering high-performance, scalable solutions for Suforia's products and services.
- Implemented UI designs to build a highly responsive and visually appealing frontend user interface using React and Redux. Ensured efficient application state management and quality user experience for our flagship product.
- Guided a small team in the development from an MVP throughout shifting business requirements, ensuring the architecture was designed to be scalable and maintainable for long-term success.
- Built and maintained robust ETL pipelines to seamlessly integrate with third-party services, ensuring smooth data transfer and efficient data processing for Suforia's clients.
- Collaborated with the CEO and CTO to conceptualize and execute innovative feature designs, resulting in frequent updates and continuous improvement of the platform.
- Oversaw and optimized the horizontal scaling process and deployment of our services using Docker and Kubernetes, resulting in increased system reliability and ability to handle traffic.
- Utilized native runtime to deploy React app as PWA to iOS and Android platforms under a single codebase, maximizing efficiency and leveraging native functionality for enhanced user experience.
- Implemented AWS services, such as Simple Email Service (SES) for mail and Simple Storage Service (S3) for file hosting. Used Cloudwatch to track metrics, optimizing system performance throughout the lifetime of the product.

STING Digital Group Inc

CTO/Lead Developer, Merrick, New York

07/2017 - 11/2021

- Designed and implemented scalable project structure and database schema for large and complex codebases, ensuring efficient data management and streamlined development processes.
- Produced high-performance REST APIs and backend software using PHP and Python, ensuring seamless integration and efficient communication between front-end and back-end systems.
- Developed and maintained large-scale modern web applications using multiple Javascript SPA frameworks, including React and Vue, to enhance user experience and drive business growth.
- Created and maintained a robust C++ code base for a commercial SaaS, ensuring efficient memory management and secure modification of external memory resources.
- Built C# desktop applications utilizing WinForms, resulting in user-friendly user interfaces that enhanced the overall user experience.
- Developed and maintained custom libraries on the .NET Framework, leveraging industry best practices and innovative approaches to enhance performance and safety for STING Digital Group Inc's software solutions.
- Deployed a Progressive Web Application (PWA) with native integration to both the iOS and Android app stores, leveraging cutting-edge technology to expand market reach and accessibility.

- Provided guidance to more junior members of the team, promoting growth and enhancing their technical skills within our development team.

Self Employed/Freelancing

Software Developer, Merrick, New York

02/2016 - 06/2017

- Developed desktop applications using C# and VB on the .NET Framework, leveraging Windows Forms and Windows Presentation Foundation (WPF) to create intuitive user interfaces.
 - Built and maintained robust backend web services using Java and PHP, ensuring seamless integration with front-end applications and delivering high-quality, scalable solutions for clients.
 - Developed and marketed custom software solutions to individuals and small businesses, tailoring each product to meet specific client needs and requirements.
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Open Source Examples

- [telego](#) - A Telegram Bot API Wrapper written in Go.
 - [mixer.py](#) - An unofficial Mixer API wrapper including web sockets for real time chat & issuing commands. Written in Python.
 - [clinbox](#) - Command line application to generate and access disposable email addresses. Written in Rust.
 - [SafeRequest](#) - Open source .NET networking library to allow encrypted JSON data to be transferred between client and server. Written in C# and PHP.
 - [cilense](#) - Password protected, socket based chat rooms with a focus on privacy & security. Written in JS (Vue) and Go.
 - [ilgen-convert](#) - Convert .NET assembly code to dynamically invoked methods. Written in C#.
 - [Dynago](#) - Video game modding software (CSGO) which uses .NET CodeDom compiler to create a unique version of itself. Functions in an external process via memory manipulation. Written in C# and built with WinForms.
 - [ByteSurf](#) - Website to watch movies/anime, including proprietary web scraping tools to retrieve other media and upload it to our own CDN.
 - [hayste](#) - Web panel to automatically claim Steam Community IDs using web scraping. Supports multi-threading and runs across a distributed network of nodes. Written in JS (React) and Python (Django).
 - [ClieTel](#) - A mobile app that allows business owners and contractors to rate their clients. Written in JS (Vue) and Go, built on the Ionic Framework.
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Links

- [Personal Website](#)
- [GitHub](#)
- [LinkedIn](#)