

SAMUEL PINHEIRO

FULL STACK / BACK-END DEVELOPER

sampinheiro.com | sampinheiro9@gmail.com | 518.935.3975 | www.linkedin.com/in/sapinheiro

Bachelor of Science (B.S) in Computer Science. Northeastern University

A rising agile software developer leader, pragmatic bridge-builder, and innovator who is piloting business-centric roadmaps, empowering independence, and inspiring the next generation of enterprise growth in multi-million dollar organizations. Experienced strategist for software development, migration, solution design, quality assurance, web applications, project management, compliance, product development, and enterprise transformation. A visionary who serves as a catalyst for sustainable change by empowering infrastructure and product teams through data-driven impact. A driver of continuous improvement who is rethinking what's possible, transforming complex obstacles into tangible and profitable solutions.

"AN EXCEPTIONAL SOFTWARE ENGINEER AND MENTOR, WITH A DRIVE FOR PERFECTION..."

"Sam's ability to contribute high-quality, full-stack code has been highly impactful. He has been able to tackle features that would have otherwise required multiple developers. Sam has a strong ability to coach and teach, a willingness to lead on technical implementations and ideas, and a strong ambition to take on highly complicated and challenging tasks... he was meaningfully involved in all of their [teammates'] projects as well as in a mentoring capacity. We heavily rely on Sam when we need to get things done and Sam has proven he can consistently deliver on his work."

~ Excerpt from recent Performance Appraisal.

PROFESSIONAL EXPERIENCE

Mark43, New York, NY

2019 - Present

SOFTWARE ENGINEER

- Collaborates with software engineers and developers on re-platforming the Records Management System; cross-functionally collaborates with Project Managers, Product Owners, QA, Customers, and Dev-Ops for prioritization, development, and testing.
- Lead back-end engineer and code contributor on team for brand new Jail Management System--a Progressive Web App using Spring Framework.
- Developed and expedited high-priority fixes and features for clients that affected mission-critical applications. Organized patches, production deploys, and attended hackathons on-site with customers to address needs in real-time.
- Optimized and transformed the login process allowing 46,000 users to cross-login; drove efficiency. Supporting the initiative to cut over the JavaScript code to TypeScript as part of a larger technical refactor (goal is 100% of the FE code in TS).
- Conceptualized several technical documents: decreasing time to deploy clients by 65%, co-conceptualizing the architecture of a brand new Progressive Web App, reducing thousands of useless data rows from internal processes and production data; exponentially improving efficiencies.
- Coaches and trains associate application engineers for operational application support; successfully mentored multiple new hires.
- Led engineers through developing and overhauling the printing process, massively simplifying for end-users. Champions the use of Agile methodologies and workflows to drive efficiencies and success ratios; optimizes methodologies and workflows.
- Conceptualizes, authors, and develops the software architecture tiers, from back-end service and database layer to front-end client interaction layer; drives cross-functional team success during application re-writes. Orchestrates best practice policies and internal SDLC workflow as an SME contributor.

SCHONFELD STRATEGIC ADVISORS, New York, NY

2018 - 2019

PROGRAMMER, DATA ANALYST

- Orchestrated and prioritized multiple technical projects simultaneously based on evolving firm needs.
- Championed and led the team in Agile methodologies, decreasing redundancy across teams.
- Executed a wide range of data science duties using Python (pandas), SQL, Q, and Excel.
- Automated the bi-annual reporting process summarizing performance, and risk assessment compliance analysis for the company.
- Modernized and maintained company data, and streamlined processes/automation for legacy code.

CHARLES RIVER DEVELOPMENT, Burlington, MA

2017 - 2018

SOFTWARE ENGINEER

- Wrote programs in Java/C# on a large code base with Perforce and Ant for an investment solutions provider managing more than \$25 trillion dollars in assets in the institutional investment, wealth management, and hedge fund space.
- Ignited QA efficiency 90% through authoring and conceptualizing a mock testing platform that streamlined engineer/customer workflows.

- Shaped and supported software and engineering management strategies; orchestrated technical and systems design support in the architecture, development, implementation, testing, and deployment of software applications.
- Created and executed Java unit and automation tests within the framework; validated system enhancements, fixes, and user processes; expedited employee workflows.

NORTHEASTERN UNIVERSITY, Boston, MA

2017- 2019

TEACHING ASSISTANT

- Shaped and supported the design and implementation of an innovative curriculum for Java, Object-Oriented Design, and teamwork as well as understanding design patterns.
- Optimized highly engaging relationships with students, alumni, peers, and senior administrators.
- Transformed student interest and maximized learning through a broad range of advanced IT instructional techniques and the development and continuous improvement of instructional programs.
- Revitalized knowledge of content and teaching skills through the pursuit of professional IT development activities.

ENGINEERING PROJECTS

SELF-HOSTING BITWARDEN SERVER

Set up my own server instance for password manager (Bitwarden) utilizing existing open-source Rust application.

ADVENTURE GAME / REN'PY ENGINE

Leading development of interactive adventure game using Ren'Py engine built with Python. Contributing to open-source Ren'Py project with pull requests.

TECHNICAL SKILLS

LANGUAGES - Java, Python, C#, SQL, ReactJS, TypeScript, JavaScript, SQL, Q (KDB), HTML, CSS, shell scripting

DATABASE – MS SQL Server, MySQL

SOFT SKILLS – Cross-functional Team Leadership, Agile Software Development, Large Scale Program/Project Management, Customer Centricity/CRM, Strategic Capacity Growth & Systems Innovation, Transformational Leadership & Coaching, Collaborative Vision & Goal Setting, Continual Process Improvement, Creativity, , Critical Thinking & Problem Solving, Inclusive Training & Mentoring.