

ADRIAN BARROS

Software Engineer | Full Stack Developer

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Technically skilled software engineer with 3+ years of proven experience in the development and deployment of software solutions utilizing front-end, back-end and full stack technologies. Demonstrated ability to use teamwork, prioritize tasks, communication, and creative problem-solving skills to build solutions in collaborative, Agile and fast-paced environments.

PROFESSIONAL EXPERIENCE

Software Engineer | Boehringer Ingelheim | Remote January 2024 - July 2024

- Developed an internal facing tool to facilitate and streamline many processes for around 300 researchers and scientists, saving approximately 48 hours of duplicative work, providing timely resolution and reducing client facing delays
- Created various rest API endpoints and middleware with Django, a React frontend, and a Postgres database
- Collaborated with 4 departments to implement innovative technologies such as a chatbot aimed to simplify access to new research documents increasing productivity by ~30%
- Increased testing coverage for the project to 90% assuring product quality and continuous integration within the team

Software Engineer II | West Monroe | New York, NY December 2021 - June 2023

- Created customized software solutions and products by collaborating with stakeholders and customers to understand product roadmap, requirements and guiding products through the software development lifecycle
- Met business objectives through the development and deployment of 10+ innovative and responsive web and mobile applications utilizing multiple programming languages and technologies
- Built scalable software for store cameras to detect merchandise and website to display information to clerks by implementing Django backend, React frontend and utilizing PostgreSQL for database integration
- Ensured high availability, performance, reliability and continuous improvement of products by implementing unit testing and end-to-end testing in Jest and Playwright with 80% coverage
- Resolved software issues by executing code reviews, debugging, and troubleshooting for multiple mobile and web apps

Software Engineer | TracFlo | New York, NY July 2021 - October 2021

- Provided software expertise by consulting with cross-functional development teams on products throughout the SDLC
- Rebuilt 3 web applications and increased performance reducing average page load 200% by writing production level code, debugging, and creating component driven web clients utilizing React.js and Redux
- Grew product usage 80% by creating a dynamic mobile application product utilizing React Native for iOS and Android

Volunteer Software Engineer | UNICEF Develop for Good | New York, NY November 2020 - May 2021

- Achieved engagement with 100,000 users by creating an innovative mobile app in collaboration with development team
- Improved app frontend performance and user interface by building a Django server and Postgres backend database
- Ensured data integrity/backup by building custom APIs to manage data migration to Firebase and Postgres databases

SOFTWARE ENGINEERING PROJECTS

Eventurous | Full-Stack Developer May 2020

- Enhanced user experience and developed a full-stack web application for travelers by creating multiple backend features and implementing a React client side,
- Streamlined backend data collection by engineering a Flask server side with multiple endpoints to consolidate data from 3+ REST APIs

TECHNICAL SKILLS

Programming Languages: TypeScript, JavaScript, Python, Ruby, C++, SQL, MySQL, HTML, CSS/SASS, Java

Frameworks and Libraries: React, React.js, React Native, Next.js, Node.js, Ruby on Rails, Django, Flask, Jest, Playwright, Express.js, GraphQL, Redux, Socket IO, Matplotlib, Pandas, Spring boot

Tools and Technologies: REST APIs, Linux, GitHub, Git, Docker, Postman, IOS, Android, Figma, Jira

Database and Cloud: PostgreSQL, Firebase, AWS, Azure, Dell Boomi, NoSQL, Relational Databases, DynamoDB

Software Engineering: Algorithms, Distributed Systems, Object Oriented Programming (OOP), Continuous Integration (CI/CD), Unit Testing, Web Development, Networking Protocols, Microservices, UI Design, UX

EDUCATION & PROFESSIONAL DEVELOPMENT

Bachelor of Arts in Computer Science | Hunter College, City University of New York (CUNY) August 2020

Associates of Science in Computer Science | City College of Technology, City University of New York May 2018

Software Developer Certificate | CUNY Tech Prep May 2020

Nike Software Engineering Mentorship Program | Nike June 2021