Bruno Aguiar, BA

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LinkedIn | Github | Blog | Website

SOFTWARE ENGINEER

Bilingual software engineer with experience in Python and JavaScript based programming. Over 10 years of professional experience in IT administration in tech heavy fields including music, video players and digital media. Thrive when creating innovative solutions, both on my own and within a team, to help companies of all sizes run more effectively. Proven project management as sole IT administrator in the areas of automation and interdepartmental communications.

TECHNICAL SKILLS

Languages: Python, Javascript, BASH/ZSH, CSS, Ruby, Rails, SQL, HTML, RegEx
Programs: Next JS, React, Django, Flask, Pytest, Matplotlib, Plotly, Tailwind CSS, Material UI, Bootstrap, Linux, OKTA, JAMF, AWS S3 bucket / glacier, Salesforce, Atlassian Jira, Git, Sentry, Visual Studio Code, Jet Brains, Google Admin, Google Analytics, Microsoft 365, Burp Suite, Platform.sh CLI

TECHNICAL PROJECTS

Learning Log - https://master-7rqtwti-z6yuubavf6fxs.us-3.platformsh.site
Created web app for users to log into and track the topics they learn about via note entries. Users can add and edit entries tied to their account.
- Implemented secure / hashed auth system using Django framework
- Styled frontend with Bootstrap framework (django-bootstrap5)
- Created backend and db models with Python 3 using Django framework
- Deployed web app via platform.sh

Talk About Bruno - https://www.talkaboutbruno.design
Created portfolio website to showcase my projects and links to my Github and Blog.
- Built frontend in Next.JS and styled with Tailwind CSS and Framer-Motion
- Deployed site with Vercel

New Recoup - https://github.com/baguiar428/flatiron-capstone
Created marketing and scheduling app that allows small-business owners to create and send promotional/marketing emails and SMS messages. App also allows customers to schedule appointments via Calendly.
- Utilized Ruby on Rails to create API/Backend and implement full C.R.U.D to update client list
- Built frontend in React and styled with Material Design (MUI) for a clean modern look
- Developed bcrypt and local storage to create, encrypt and secure user accounts
- Utilized Ruby Action Mailer to handle live email messaging from business to customers
- Built Twilio API to implement live text messaging from business to customers

PROFESSIONAL EXPERIENCE

The Orchard   New York, New York
IT Administrator   12/2017 - 08/2022
- Developed, tested and implemented custom script solution for operations to process a critical workflow on Mac OS (previously not possible) using BASH scripting and RegEX processing
- Administered JAMF, JIRA, OKTA, Sentry and JetBrains amongst others technologies. Fleet of 400+ users
- Created and updated packages via JAMF
- Researched and generated proposals, breakdowns and cost comparisons of tech services for tech leadership i.e: google vault vs competitors for legal retention/hold and etc
- Generated reports via Google Workspace Reports API to investigate and remediate sensitive security events i.e: mass email deletions, phishing attempts and misuse of resources
- Administered Enterprise Google Workspace (Superadmin role). Created platform accounts, set up mailing lists and share permissions for users and departments
- Maintained Google Analytics for organization. Created access rights and projects for all departments
- Worked with parent company (Sony Music Entertainment) to develop and enforce security protocols / policies: 2 Factor Authentication for web services and Security Policies via JAMF on laptops/devices

- Owned and executed Tech onboarding/offboarding for users. Configured hardware (laptops/desk setups) and accounts and directed users on how to use internal tools and platforms
- Consistent performance metrics via Manage Engine metrics in Help Desk service

JW Player   New York, New York
IT administrator   01/2015 - 05/2017
- As the sole IT Support Tech for the organization of 250+, implemented SpiceWorks Help Desk Ticketing and ultimately JIRA Helpdesk Portal to better manage my workflow
- Wired, patched in and labeled all the network LAN drops throughout the office
- Worked closely with the Office Manager to plan and coordinate all the technical aspects of a successful and major office move/migration
- Created standard procedures and a logging/tracking system for hardware and software acquisition
- Implemented in-house security protocols. 100% adoption of 2-Step Authentication on critical services (i.e: Google Apps, Lastpass)
- Used frequency spectrum analysis to build out a new wireless network solution to support rapid growth (Critical and huge success)
- Migrated organization from legacy to cloud-based services/licensing (Adobe Creative Cloud, Microsoft 365, Lucid Charts, JetBrains, JIRA, Confluence, Sentry.io, and Swaggerhub)
- Created a workflow with HR and hiring managers to successfully onboard 100+ users at a fast pace

Comixology   New York, New York
IT Administrator   06/2013 - 11/2014
- Took lead on user migration after being acquired by Amazon, Inc
- Migrated and bound both Windows and Mac users' profiles (100+) onto LDAP/Active Directory with zero data loss
- Ran penetration tests against our site and provided reports to help developers fix vulnerabilities. (i.e: SQL and LDAP Injection, cross-site scripting, clear text passwords, open redirection)

Fujitsu Technology Solutions   Lisbon, Portugal
User Administrator   07/2011 - 05/2013

- Consistently positive SLA metrics per month. Astellas account employee of the month (June 2012)
- Trained in ITIL. In-house certified

EDUCATION

Flatiron School   New York, New York
Software Engineer Certification : Full Stack Web, Ruby on Rails and JavaScript   09/ 2022 - 1/2023

Rutgers University   New Brunswick, New Jersey
Bachelor's Degree Liberal Arts (BA), Information Technology - Informatics   05/ 2011