






# BRUNO AGUIAR

## SOFTWARE ENGINEER

 646-704-7644  
 b.aguiar428@gmail.com  
 Greater New Jersey  
 [TalkAboutBruno.design](http://TalkAboutBruno.design)  
 [github.com/baguiar428](https://github.com/baguiar428)

Bilingual software engineer with experience in Ruby on Rails 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

- Javascript
- React
- Ruby on Rails
- HTML / CSS
- Linux
- SQL
- Bash / Zsh
- RegEx
- Python
- Git

### IT RELATED SKILLS

- OKTA
- JAMF
- Salesforce
- Atlassian JIRA
- AWS S3
- Google Admin
- Burp Suite
- Troubleshooting complex end user issues (on-site + remote)
- Creating and organizing KB documentation

### EDUCATION

#### FLATIRON SCHOOL

Software Engineer Certification  
09/2022 - 01/2023

#### RUTGERS UNIVERSITY

Bachelor's Degree  
Liberal Arts (BA)  
Information Technology and  
Informatics  
01/2008 - 05/2011

### EXPERIENCE

#### IT ADMINISTRATOR

The Orchard

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 i.e: 2 Factor Authentication for web services and Security Policies 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

#### IT ADMINISTRATOR

JW Player

01/2015 - 05/2017

- As the sole IT Support Tech for the organization of 250+, implemented SpiceWorks Help Desk Ticketing and ultimately JIRAHelpdesk 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

## IT ADMINISTRATOR

Comixology

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)

## TECHNICAL PROJECTS

### 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
- Deployed site with Vercel
- Utilized Twilio SendGrid for contact form email functionality

### 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