

# Joseph Christopher

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## Experience

### SOFTWARE ENGINEER, INDIX

FEB 2016 - PRESENT

PYTHON, FLASK, GO, SQLALCHEMY, EXPRESSJS, ES6, MYSQL, MONGODB, INFLUXDB, GOCD

- Built a human data validation & crowdsourcing platform to validate & measure data quality that supports different facets of data via pluggable templates. Extended it to support revision control, analytics & precision/recall based on multiple pivot points
- Built a data-overriding platform that allowed customer success teams to modify large-scale data through an automated validation pipeline that replaced manual engineering effort
- Built wireframes and REST API design as a part of product & feature ideation that reduced iterations in feature development

### DEVELOPER - WEB, HAPPYFOX (TENMILES CORPORATION)

APR 2014 - FEB 2016

PYTHON, DJANGO, SQLALCHEMY, EXPRESSJS, SOCKETIO, POSTGRES, MONGODB, REDIS, CIRCLECI, PM2

- Was involved in building several sale-driving enterprise features - measuring customer satisfaction, agent performance, and platform integrations - SMS tickets, Facebook, Github Issues, Salesforce and other CRMs
- Scaled large DB cascading operations to be run as background jobs in batches
- Built a real-time HTTP micro-service to deliver browser & push notifications via Redis
- Contributed to the internal & external REST API; built a CI-setup for design guide to follow PEP8/PyFlakes
- Handled code reviews and assisted junior developers
- Owned customer support & dev support for features built and acted as the primary point of contact

### MEMBER - TECHNICAL STAFF, CONTRACTIQ

JUL 2013 - MAR 2014

RUBY ON RAILS, TWITTER BOOTSTRAP, JAVASCRIPT, NOKOGIRI, MYSQL, CAPISTRANO

- Engineer #1, architected, built and owned the entire platform from scratch scaling it to 2000+ app development companies
- Worked single-handedly on the product roadmap closely with the founder
- Built data scrappers to fetch publicly available information about app development companies
- Improved onboarding user experience that led to more signups; growth-hacked traffic and reduced churn with periodic event-triggered email campaigns

## Skills

Languages	Python, Ruby, JavaScript, ES6, Go (Novice)
Web	Django, Flask, Rails, Express
Data	PostgreSQL, MySQL, MongoDB, Redis, InfluxDB
Tools & Misc.	Balsamiq Mockups, Git, AWS, Capistrano, Fabric, GoCD, nginx

## Education

Anna University, Chennai, India – Master of Computer Applications, 2013

Bharathidasan University, Trichy, India – B.Sc. Computer Science, 2010