

Filipe Silvestre

SOFTWARE ENGINEER

3221 Carter Ave, Marina Del Rey, California 90292

☎ (267) 439-5109 | ✉ fssilvestre5@gmail.com | 🏠 www.filipesilvestre.com | 📱 fsilvestre90 | 🌐 silvestrefilipe

Summary

Software engineer with an entrepreneurial mindset and interested in technologies, such as blockchain, that provide immense value to stakeholders. Dedicated to creating and delivering high-quality systems that enable organizations to thrive.

Experience

Telesign

Marina Del Rey, CA

SOFTWARE ENGINEER

Sept 2017 - Present

Provides secure communication services using SMS, Voice, and push notifications for high-volume customers such as Microsoft, AirBnB, Coinbase, and more

- Core developer for new voice platform utilizing FreeSWITCH controlled by a REST API built using Python
- Created ETL processes for event based system
- Maintain legacy voice products and implement new features
- Standardized local development environment using Docker to mimic production environment using NGINX and other tools
- Upgrading Python 2.7 libraries into Python 3.6

Scout Military

Portland, OR

CO-FOUNDER/LEAD SOFTWARE ENGINEER

Oct 2015 - Feb 2017

Scout provides military members contextual offers and deals based on their profile and geo-location through mobile applications

- Raised \$300k in seed funding for early stage company
- Created core backend services which served our mobile applications utilizing geo-location of users and integrated with 3rd party platforms
- Implemented infrastructure using various AWS services such as Elastic Load Balancing, EC2, Route53, and RDS. Deployed services using Fabric
- Led mobile development efforts, concentrating on developing Android application
- Built native Android application using MVP design leveraging popular frameworks (Dagger 2, RxJava, Retrofit, and more)
- Designed UI/UX for mobile products

Ericsson

Mountain View, CA

SITE RELIABILITY ENGINEER CONTRACTOR

Jun 2014 - Jun 2015

Provided cloud streaming TV white-label platform for major providers such as AT&T, Deutsche Telekom, CenturyLink, and more

- Served as liaison between various support groups during system outages, and worked with customers or service providers to remediate outage issues
- Ensured SLA's are achieved and client expectations are met (or exceeded) for streaming TV providers such as AT&T U-Verse and CenturyLink
- Ensured proper DNS, IP, Firewall, VPN, and server configuration for customer networks
- Optimized team workflow by creating automation scripts for manual tasks

University of Pittsburgh Medical Center

Pittsburgh, PA

SYSTEMS ANALYST ASSOCIATE

Jan 2014 - Jun 2014

Major health care provider in western Pennsylvania

- Introduced Agile to organization through their Wound Care project
- Owned and drove backlog grooming and management, prioritized user stories, created acceptance criteria, drove testing and delivery for new features
- Worked directly with other business owners, development teams, and medical staff to define features and technical user stories
- Analyzed data sets in our systems to create Python scripts which retrieved test data for various use-cases in QA tests

Programming Skills

Languages Python, Java, Javascript, PHP, LaTeX

VoIP FreeSWITCH, Asterisk, SIP

Cloud Platforms AWS, Heroku

Databases/Caching/Search Engines Postgres, Redis, MySQL, SQL Server, MongoDB, Elasticsearch, Kibana

Automation/Build/Packaging Tools Jenkins, Docker, Fabric, Virtualbox, Gradle, Maven, npm, pip

Operating Systems Unix, Linux, OSX, Windows

Version Control Git, Bitbucket

Education

University of Pittsburgh

B.S. IN COMPUTER INFORMATION SCIENCE

Pittsburgh, PA

Aug. 2009 - December 2013