

# CHRISTIAN JARANI

SOFTWARE ENGINEER

## DETAILS

### ADDRESS

Philadelphia  
United States

### PHONE

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### EMAIL

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## LINKS

[LinkedIn](#)

[GitHub](#)

## SKILLS

Java (Spring Boot)

JavaScript, TypeScript  
(Angular 2+, Node.js)

Python (Django)

C# (.NET)

HTML & CSS (SCSS,  
Tailwind)

SQL (PostgreSQL, Oracle  
SQL, SQLite)

Functional Testing (JUnit,  
Karma)

Containerization (Docker,  
Weblogic)

Version Control (Git, SVN)

IDEs (JetBrains, VSCode)

## EMPLOYMENT HISTORY

### Software Engineer I, National Board of Medical Examiners

Philadelphia, PA

Feb 2020 — Present

- Developed 40+ APIs and 10+ relational entities in Spring Boot framework for various report generation and score calculation applications.
- Developed 15+ APIs and relational entities in Django Python framework for BTL Incite platform.
- Designed core features for report automation process in Spring Boot. Identified parallelizable operations on existing API's to handle increased traffic due to automation, and optimized JPA transaction behavior to support highly-synchronous operations between web services and external batch jobs.
- Designing and implementing views in Angular for new client project management SPA. Made use of module bundling and lazy loading, asynchronous callbacks, and server-side rendering of Ntile graphs to optimize page load times.

### Software Engineer, Tata Consultancy Services, Ltd.

Sunnyvale, CA

Aug 2018 — Feb 2020

- At Apple: *February 1, 2019 - February 12th, 2020*
  - Developed 20+ APIs in Spring framework for iHub, Apple's internal server monitoring platform. Primary contributions included endpoints for retrieving server statistic data (processor load, server uptime, etc), asynchronous alerts for server status and performance changes, and spinning up new server instances in Docker via SSH.
  - Wrote 10+ automated scripts in Python for synchronizing Kafka message backups / configuration data between numerous Linux server instances.
- At TCS HQ: *August 6, 2018 - January 31, 2019*
  - Created 20+ components in Angular 7 and 10+ APIs in Node.js for an internal web security platform. Optimized callbacks for rendering up-to-second server access data with option to specify custom refresh period. Implemented complex filtering on statistic data at request of users.

### Software Engineer Intern, Tata Consultancy Services, Ltd.

Milford, OH

May 2017 — Jul 2017

- With a team of ten interns, developed computer vision Android application leveraging OpenCV with Python, Java, AndroidOS, DJI drone API, and SQLite.

## EDUCATION

### BFA, Computer Science, University of Pittsburgh

Pittsburgh, PA

Aug 2014 — Apr 2018