

Christian Jarani

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Motivated, early-career software developer looking to expand my existing toolkit and learn anything new I can get my hands on! I am a great team member who values communication and maintaining productive professional relationships.

Technical Skills

- **Languages:** Java, C, Javascript, Typescript, HTML5, CSS, Bash
- **Technologies:** Git, Ansible, MySQL, TypeORM, Hyperledger Fabrics
- **Frameworks:** Angular 2+, React, Node.js, OpenCV

Professional Experience

- **Tata Consultancy Services, Ltd.** *Client: Apple, Inc., Software Engineering Consultant*
February 1, 2019 - December 11th, 2019
 - Worked as part of the IS&T B2B Integration Team on internal tool updates and their WebMethods B2B pipeline.
 - Developed a functional demo for a supply chain management application using the Hyperledger Fabrics framework.
 - Infrastructure as code: used Docker yaml files to define high-level network architecture and entity ownership
 - Modified a template blockchain API (smart contract) in Go, defining entity interaction with the blockchain ledger
 - Presented demo application progress weekly to the Integration Team leads
 - Automated server configuration tasks on a Linux-based B2B architecture using Bash, Ansible, and the WebMethods middleware platform.
 - Participated in daily standups and led end-of-sprint discussions during weekly infrastructure reviews.
- **Tata Consultancy Services, Ltd.** *Full Stack Developer, Business Solutions Unit*
August 6, 2018 - January 31, 2019
 - Developed full-stack web applications for the customer demo and internal tooling teams. My role was primarily front-end focused, with some back-end development experience.
 - Leveraged Angular 7 to create dynamic front-end components using the Material component library
 - Designed/developed API's for client-server communication
 - Debugged API functionality using Postman
 - Created back-end entities and controllers using Node.js and TypeORM in conjunction with existing PostgreSQL databases and defined their routing scheme.
 - Assisted in designing flow diagrams with UI/UX developers
- **Tata Consultancy Services, Ltd.** *Drone Labs Intern, Drone Lab Initiative*
August 6, 2018 - January 31, 2019
 - Developed an Android application to demonstrate various OpenCV detection algorithms through a DJI Drone's live video feed

Education

- **Computer Science, B.S.** *University of Pittsburgh, April 2018*
 - CS1651 Advanced Systems Software: implemented a modified Bitcoin architecture in Java
 - Additional Courses: CS0445 Data Structures, CS1501 Algorithms, CS1699 Computer Graphics