

CHETANYA CHOPRA

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SKILLS

Languages: Java | JavaScript | Python | C#

Databases: SQL | MySQL | PostgreSQL | MongoDB

Web: HTML5 | CSS3 | Flask | REACT | Express.js | Node.js | Bootstrap

EXPERIENCE

Marel Inc.

Software Engineer

Sept 2016 - Dec 2018

Projects/Development

- Developed an intuitive web app to manage the service and delivery schedules of incoming products using **Python, Flask, SQLAlchemy, PostgreSQL, HTML5**, and **CSS3**.
- Built and managed an in house **REST API** using Python, Flask, SQLAlchemy.
- Led the development of a bluetooth app that allowed users to send data to a database of their choice. **C# .NET, Bluetooth LE, RS232, UWP for mobile apps, WPF, WCF, XAML, TFS**
- Developed a web app to manage client support tickets in order to improve the software support responsiveness and ticket completion time using **MongoDB, Express, REACT**, and **Node**.

Other

- Service - Provided remote and onsite support to quickly resolve issues regarding networking, firewall configuration, and software configuration.
- Integration - Used **SQL Server** to create communication in between independent software solutions.
- Consulting - Meeting with clients to better understand their business processes and needs. Assessing the information collected in order to present/install an agreed upon software configuration and flow.
- Business Intelligence - Working with clients to determine their unique BI needs. Fulfilling BI needs commonly through reports and dashboards using **SQL Server Reporting Services**
- Training/Presenting - Brought new employees up to speed on the technologies and best practices required for the position. Creating/Presenting training material to clients on software usage.
- Project Management - Managing deadlines, installation dates, travel details, and logistics for multiple large projects at a time. Assisted sales in creating accurate quotes. Wrote customized user manuals.

University of Washington

Robotics Instructor | Computer Science Mentor

Jan 2016 - Sept 2016

- Created/Taught lesson plans for a summer program aimed to educate/interest youth in Computer Science and Robotics
- Assisted students with computer science coursework. Questions ranged from basic/advanced OOP concepts, data structures, database design, and algorithms

PERSONAL PROJECTS

Task List

- As a side project I made two versions of a task list web app. I made one using just **JavaScript, HTML, Materialize, and Bootstrap**. And the other using **REACT**

Item Catalog

- A catalog web app made using **Flask, Python, SQLAlchemy, PostgreSQL, HTML**, and **CSS**. It allowed users to manage item posts after logging via google. Hosted the app via **AWS, Ubuntu, Apache2**, and **wsgi-mod**.

EDUCATION

BS. Computer Science and Systems

University of Washington

Aug 2012 - Jun 2016

Nanodegree Full Stack Web Developer

Udacity

Nov 2018 - Jan 2019