

Bill Sheng

billsheng.com | github.com/billxsheng | linkedin.com/in/billxsheng | billxsheng@gmail.com | 647-966-5106

Skills and Technologies

Languages: JavaScript, Java, Python, HTML, CSS, Typescript, VBA, PowerShell, SQL

Frameworks and Libraries: Node.js, Express.js, Socket.IO, React, Angular 2+, jQuery, Bootstrap, GraphQL

Tools: MongoDB, Xcode, Photoshop

Cloud and DevOps: Git, Docker, Heroku, Amazon Web Services, Firebase, Jira and Confluence, VMware

Experience

Backend Developer | Industry 4.0 Platform Development Team

September 2018 - Present

- Constructed platform backend infrastructure using Python and Django used by students from 20+ high schools during design team pilot competitions
- Used Git/GitHub for seamless version control and increased team efficiency

Freelance Developer | Self-Employed

April 2018 - Present

- Built a barber website using Node.js and Angular 6 featuring an integrated booking system and dynamic gallery
- Increased click-through rates for local businesses by building responsive single-paged applications

Technical Specialist Intern (DevOps) | Canadian Tire Corporation

May 2018 - August 2018

- Quickly learned PowerShell to develop scripts for seamless configuration of 100+ company servers
- Engineered virtualized deployments using VMWare in an agile environment

Projects

Ryse | HTML/CSS, Node.js/Express.js, MongoDB (PennApps 2018)

September 2018

- Built a social networking application for felons to help diminish stigma associated with hiring ex-convicts
- Constructed a REST API using Node.js to enable user endorsements and private message invitations

Blitz | React, Node.js/Express.js, MongoDB

May 2018 - June 2018

- Created an NFL notification system that sends real-time game updates via SMS texts for those without internet
- Architected user authentication, REST API and database connection to increase user productivity

Munkee | HTML/CSS, Node.js/Express.js, Socket.IO, MongoDB

March 2018 - May 2018

- Developed a cross-platform online multiplayer game to help children learn about mathematics and probability
- Utilized web sockets and a NoSQL database for increased uptime and user effectiveness

Education

University of Waterloo | Management Engineering

2017 - 2022 (expected)

Relevant Courses: Algorithms and Data Structures, Computer Programming (Java), Engineering Economics