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## Objective

Seeking a Developer position which requires expertise in Java, JavaScript [React, Node, Backbone], Redux, MongoDB, MySQL, J2EE Spring MVC, Agile [Scrum, Sprint, Kanban], Git, ODBC JDBC, GCP, SDN, NFV, SD-WAN

## Skills

*Languages:* Java (Proficient), JavaScript (Proficient), Python (Intermediate), C (Intermediate), C++, Shell Scripts

*Databases:* MongoDB, PostgreSQL, MySQL

*Web:* React.js, Backbone.js, Node.js, Underscore.js, ES6, jQuery, Require.js, HTML5, CSS3, Bootstrap, Redux, Webpack, Babel

*Frameworks:* J2EE Spring MVC Framework, ReactNative, Express.js Framework

*Tools and Technologies:* GCP, OpenStack, AWS, JIRA, Git, Gitlab, Jenkins, Thrift, Dust.js, J2EE, Docker, ODBC, JDBC, Java AWT, Swing, Kanban, Scrum, Agile, Sprint, Maven, Apache, IntelliJ, Visual Studio Code

## Education

### Master of Science in Computer Science

State University of New York at Binghamton - SUNY

GPA 3.56  
AUGUST 2016 - MAY 2018

### Bachelor of Technology in Computer Engineering

College of Engineering Pune - COEP

GPA 3.6  
JULY 2011 - MAY 2014

## Coursework

[Design Patterns](#)

Distributed Systems

Storage and Virtualization

Design and Analysis of Data Structures

[Operating Systems](#)

Programming for the Web

Systems Programming

Computer Networks

[Machine Learning](#)

Programming Languages

Database Systems

Information Security

## Experience

### Sprint

KANSAS, USA

Technology Development and Strategy Intern

MAY 2017 - AUGUST 2017

- Built ReactNative mobile app for registration, beacon detection and triggering profile and location sharing with the server
- Researched Hyperscan, a tool that filters out packets as per user-defined rules
- Developed WebApp for people authentication on OpenStack platform using REST services in Node.js with MongoDB and UI in React.js, Babel, Webpack, Keystone, Shibboleth
- Designed IoT project utilizing Humanoid Sanbot to identify and greet users entering the store and to scan the inventory.
- Implemented REST Services using Node.js to demonstrate CDNI by streaming video through chose CDN servers

### Globant

PUNE, INDIA

Software Engineer

AUGUST 2014 - JULY 2016

- Developed a SaaS application following MVC pattern using J2EE Spring MVC Framework and Backbone.js for providing SDN, NFV, Software Defined WAN, High Availability and setting up Virtual Machines
- Developed a highly scalable product which provides essential management and orchestration capabilities needed to deliver Versa VNF based network and security services for a variety of use cases, including virtual CPE (vCPE), SD-WAN and branch security
- Created NFV web application that offers an alternative way to design, deploy, and manage networking services which are a complementary approach to software-defined networking (SDN) for network management for multi-tenancy
- Adapted Agile Development Methodology to facilitate the assessment of the direction of a project in the development cycle
- Form Builder - Constructed a platform to make customizable forms with Backbone.js
- Built an efficient crawler using jsdom browser and a java application for efficient data mining using many encryption operations
- Mentored a group of 4 undergraduates to learn and understand the product as soon as possible and quickly become productive

## Projects

### Git Repo Viewer [Redux, React, Node]

[/jd/repo-viewer](#)

Binghamton, USA

SPRING 2018

- Built IDE like viewer for GitHub repositories using GitHub REST API v3
- Technology stack includes Babel, Sass, Webpack, Node, React, Redux, React-Router, Redux-Saga, HTML5, JSX

### Authentication Web Service [React, Node.js, MongoDB, Axios, Mocha]

[/jaydeepingle/auth](#)

Binghamton, USA

FALL 2017

- Authentication web service in Node.js, UI developed using the mustache template and Mocha used as the automation unit test framework
- Built a single page application in React.js that uses Axios to make AJAX requests

### Distributed Banking Application [Java, Socket Programming, Multi-threading]

[/jaydeepingle/app](#)

Binghamton, USA

FALL 2016

- Implemented Chandy-Lamport's protocol for taking consistent snapshot of the distributed system consistently
- All the recorded snapshots are sent back to one co-ordinator node which will consolidate the data and store it

### HTTP Server and RPC File Service [Java, HTTP, Multithreading, Thrift]

[/jd/http](#) [/jd/rpc](#)

Binghamton, USA

FALL 2016

- Extended server side method stubs and implemented multiple methods for serving the clients using RPC
- Developed a multithreaded HTTP server to serve multiple clients simultaneously using multithreading in Java

### Profile Directory [Java, ODBC, JDBC, AWT, Swing, MySQL]

[/jd/profile](#)

Khamgaon, India

SPRING 2011

- Built a standalone application with Java and AWT, JSwing using ODBC JDBC connection to demonstrate typical social networking site
- It allows user to create an account, update his personal information including Personal, Social, Professional, Contact, etc