

# Ankita Handa

Senior Software Engineer

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## PROFESSIONAL SUMMARY

- Professional with approx. 5 years of experience in Application Development, Maintenance and Automation, with around 2 years of experience as Node.js developer.
- Hands-on experience in Node.js with Express.js and MongoDB.
- Practical knowledge of Docker and UI automation using Puppeteer.

## ACADEMIC QUALIFICATIONS

- **B.Tech in Computer Science and Engineering (2012-2016)**  
Amritsar Group of Colleges, Amritsar  
82.8%
- **12th (2012)**  
The Senior Study – II, CBSE Board  
74.2%
- **10th (2010)**  
Sacred Heart Senior Secondary School, ICSE Board  
93%

## TECHNICAL SKILLS

**Languages & Frameworks:** **Proficiency in:** Node.js, JavaScript, Express.js, Puppeteer, HTML, CSS, JQuery, Ajax, JSON  
**Prior Experience in:** Java 8, Spring Boot

**Databases:** MongoDB, MySQL

**Build and** GitLab, Docker

**Deployment Tools:**

**Version Control:** Git, Bitbucket

**Project Description:** An IOT-based solution for configuration and maintenance of (Raspberry Pi/ Windows/ Fedora) devices placed at different locations around the globe for monitoring network performance of Hughes Network. The monitoring is done through a set of applications configured to run on the devices in an automated containerized environment at set intervals throughout the day and report corresponding stats to the Backend Server. The stats thus gathered from the devices are used in graph generation and in displaying other devices related information in summary format at the Dashboard. All the applications in the system run independently inside docker containers.

**Technologies Used:** Node.js, JavaScript, Express.js, MongoDB, Puppeteer, Docker

### Responsibilities:

- Designed and developed the umbrella application within JSMS such that new apps can be added into it through plug and play to test network performance on devices. Also developed various child applications within it.
- Development of APIs used for graph data generation and for processing device data.
- Google OAuth authentication and google API integration
- Handled various memory leak issues in the applications.
- Unit and Integration testing

## PROJECTS

### HUGHES SYSTIQUE PVT. LTD. (03/2019 – Present)

❑ **JUPITER SERVICE MONITORING SYSTEM:**

**Role:** Developer

## ☐ JOVIAN NMS AUTOMATION :

**Role:** Developer

**Project Description:** Tool for UI Automation of Jupiter Network Management System used to enable automatic creation of various network element configurations using .csv files provided by the user. The tool is further used by the client for testing, training and network configuration purposes. Another module of the tool creates .csv files from configuration API data for the purpose of reproducing an existing configuration that may be used to replicate the configuration to different environments. The tool also consists of an ATL Simulator module that simulates a large no. of IPGWs in the network.

**Technologies Used:** Node.js, JavaScript, Puppeteer

### **Responsibilities:**

- Automated network configuration system so as to reduce the configuration time from 3 days to 1 hour.
- Designed and developed the codebase for the CSV Creation module of NMS Automation system.
- Contributed significantly in re-modelling of ATL Simulator.

## ☐ MYBOX:

**Role:** Developer

**Project Description:** Enterprise application for IOT Home Automation. System interacts with various third-party services for billing, CRM, Payment and Social Networking.

**Technologies Used:** Java 8, Spring Boot, MYSQL, MongoDB

### **Responsibilities:**

- Enhancements in existing modules
- RCA and bug fixes
- Unit Testing

## FRANCONNECT (07/2016 – 01/2019)

## ☐ FRANCONNECT SKY:

**Role:** Developer

**Project Description:** A web application that covers the complete franchising lifecycle and helps franchisors and their franchisees more effectively manage, track, and run their business. The various modules of the product include Lead Management, Store Opener, Franchise Info Manager, Finance, The Hub, Audit, Support, CRM

**Technologies Used:** Java 8, MySQL, JSP, Servlets, HTML, CSS, JavaScript, JQuery, AJAX

### **Responsibilities:**

- Developed various functionalities from scratch.
- Product enhancement and bug resolution.
- Contributed in the migration of one of the major clients of the organization from 7.0 version to 9.7 version of the product.