# BHANU DOBRIYAL

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## SUMMARY

Resourceful professional offering 3 years of experience providing software and web development solutions to clients utilizing an array of technology and software programs. A recent computer science engineering graduate, adept at formulating processes and leading teams in achieving excellence in client satisfaction, productivity, and profitability.

## EDUCATION

**Master in Science**, Computer Science                           *January 2019 - December 2020*
State University of New York at Binghamton, Thomas J Watson College of Engineering and Applied Science            **GPA: 3.61/4.00**
**Relevant Coursework:**
Data Structures and Algorithms, Design Patterns, Programming for the Web, Cloud Computing, Programming Languages, Computer Organization and Architecture, Operating Systems, Data Science in Social Media, Software Engineering Project management

**Bachelor of Technology**, Computer Science and                  *August 2011 - May 2015*
Engineering Shri Mata Vaishno Devi University, Katra, India

## SKILLS

**Programming Languages:** Java, JavaScript, Python, C, C++, C# (.NET)
**Web Technologies:** HTML, CSS, Bootstrap, JavaScript, React, jQuery, NodeJS, ExpressJS, jQuery, Spring MVC, MongoDB, MySQL, Microsoft SQL Server, RESTful webservices, SOAP, JSON, XML, Git, Apache HTTP Server, Tomcat, SoapUI, DBViewer
**Cloud Technologies:** Google Cloud Platform, Docker, Kubernetes, Heroku, AWS
**IDEs and Other tools:** Eclipse, Microsoft Visual Studio, NetBeans, IntelliJ IDEA, JIRA, ServiceNow, Jenkins, Bitbucket
**Certifications:** Certified SAFe 4 Practitioner

## PROFESSIONAL EXPERIENCE

**Java Developer | Tata Consultancy Services - Travelport (Client)**            *November 2017 - January 2019*
- Developed User Interface using **Javascript**, **HTML**, **CSS** and **Java** for backend, for Hotel Availability Test Automation Tool, providing interactive user interface for client to test hotel availability, thus increasing service request time by **30%** previous process
- Trained and worked in an **agile development** methodology, using **Jira** software to create and edit development stories on **Kanban** board, giving points to stories, participating in sprint planning, daily **scrums** and presenting **sprint** reviews to stakeholders
- Supported application enhancement of 3 **dot.net** framework based, **C#** coded applications. Only point of contact for these applications from developer side working on handling support, enhancements, and fixes
- Resolved an age-old bug within 1 month of taking over lead of the fix, by analyzing end to end flow of the application and working regularly with Test team to test and deploy update over production servers

**Technical Support Analyst | Tata Consultancy Services - British Telecom (Client)**            *February 2016 - October 2017*
- Led a team size of **6** other associates in order to get real time resolution of Tickets from BT Agent locations
- Created and Applied various workarounds, like tweaking of fulfilled, but stuck order **XMLs** thus resolving client service requests by up to **70%**. Got various appreciation mails, e-cards from higher management for process improvement
- Worked on identifying and tagging PRs (Preventive Recurrences) numbers, so to ensure requisite fixes can be initiated and prioritized in future releases, thus doing bulk resolutions and decreasing backlog by at-least **50%**
- Presented a presentation to Client partners, SMEs at Gurugram client location on new features added to the existing system and organized Knowledge transfer (KT) sessions between multiple teams across multiple vendors over weekly calls

## PROJECTS EXPERIENCE

**MERN E-commerce website**
- Build an **eCommerce** platform from ground up with **React**, **NodeJS**, **Express** & **MongoDb** complete with user authentication, shopping cart, visible order history and editable product details
- Implemented the PayPal Sandbox API for live transactions, deployed web app over cloud using **Heroku** to make it accessible over web

**Live Video Streaming and Chat Web Application**
- Created a **Full Stack** web application with real-time Video and Chat features among multiple users simultaneously, through **HTML, CSS, JavaScript and Socket.IO** library
- Deployed it over **Google Cloud Platform** using **Docker** and enabled auto-scaling features through **Kubernetes**

**Design Patterns in JAVA**
- Implemented **Multi-Threaded** Merge sort using **Singleton** Design Pattern
- Searched a technical sentence with help of word from input files through **Visitor Pattern**

**Sentiment Analysis over Tweets based of Hashtag classification**
- Research project build utilizing **Python**, **MongoDb** database to retrieve tweets based on different Hashtags over 3 months
- Analyzed associated sentiments implementing **Natural Language Processing (NLP)** python libraries and plot graphs to show any changes or relationships among tags