UJJVAL **SHARMA**

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PROFESSIONAL **EXPERIENCE**

Northeastern University, Boston, United States - Teaching Assistant   01/2021 – 01/2021
- Worked on projects and modules for large scale storage and retrieval (course code: DS 4300). The course involved study in different technologies such as Redis, MongoDb, Neo4j, MySql, RabbitMQ, and Kafka.

Hughes Systique, Gurgaon, India - Software Engineer   07/2018- 04/2020
- Worked as a software developer in 'Installation Portal' project, which provides telecom services in the USA
- Managed requirements and design for Hughes Network System to improve scalability and user experience in front-end and back-end
- Application development was performed on Spring Boot, ReactJS, Oracle, PL/SQL, HTML,CSS, Javascript

Utsavam, Delhi, India - Software Engineer Intern   07/2016 –08/2016
- Worked as full stack developer for their core website using Spring Boot, ReactJS, and MySQL

IBM, Gurugram, India - Application Security Intern   06/2016 –07/2016
- Performed ethical hacking & found vulnerabilities in the system

Aircel, Gurugram, India - Data Analytics Intern   05/2016 –06/2016
- Worked on Data warehouses such as Greenplum and Vertica for data analytics

TECHNICAL **SKILLS**

Languages: HTML, Java, Javascript, CSS, Hive, R, C, C++, Python
Framework/Library: Node.Js, Next.Js, Hibernate, Junit, Spring Boot, Thymeleaf, Bootstrap, Material CSS
Tools: Apache kafka, Kubernetes, Zookeeper, Maven, Git, Nginx, RabbitMQ, Jenkins, Jira, AWS, Docker
Databases: Oracle, MySQL, Greenplum, Vertica, MongodB, Redis, Neo4J

EDUCATION

Northeastern University, Boston, United States   09/2020-Present
- Master's of Science in Computer Science

Vellore Institute of Technology (VIT), Vellore, India   07/2014-09/2018
- Bachelor of Technology, Computer Science

ACADEMIC **PROJECTS**

Patient Management   12/2020-12/2020
- CRUD application for a patient who can create/update/delete their appointments with a doctor and update their profile in the system. The development was performed using Spring Boot, Thymeleaf, Redis, MySQL, HTML, Bootstrap.

Maze   10/2020-12/2020
- Build a random wrapping and non-wrapping maze game which can be played on GUI and console. To implement it, we used Java and in addition to that, several design patterns were used such as command, MVC, and strategy design pattern.

Food Delivery   05/2020-07/2020
- Created a burger booking application using Spring boot, ReactJs, Bootstrap. In this application a customer can customize his burger, place an order, and check his previous order

Social media Services   01/2020-03/2020
- Developed fault-tolerant microservices that are made using reactive spring boot, service discovery, cache, Hystrix, spring cloud and multi-threading for fetching a user's social media's post and comment on that post. We also used MongoDB to store details.

Chat Application   05/2020-07/2020
- This is a text-based chat application using spring boot, material CSS, and stomp(web socket protocol)

CERTIFICATIONS

- **Big Data Hadoop:** Classroom training from Palin Technology, worked on data analysis on Hadoop   05/2016 – 07/2016
- **Android App Development:** Classroom training on databases and app development from NIIT   05/2016 – 07/2016
- **Java and C++:** Classroom training on algorithms and OOPS from NIIT   05/2015 – 07/2015
- **React Js:** Completed Online course on Udemy on ReactJS   05/2020 – 07/2020
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