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# Education

## • Lewis University Romeoville, IL

*Master of Science - Computer Science; GPA:3.36/4 Jan 2022 - May 2023*

*Courses: Operating Systems, Object Oriented Development, Software Engineering, Cloud Computing, Cyber Security Essentials, DBMS, Research In Computer Science, Software Production Process, Software Architect And Design, Software Testing And Quality.*

## • Jawaharlal Nehru Technological University Hyderabad, India

*Bachelor of Technology -Electronics and Communication Engineering; GPA:7/10 June 2017 – Sep 2021*

*Courses: Data Structures, Operating Systems, Object Oriented Programming, Software Engineering, Cloud Computing, Design and Analysis of Algorithms, Data Mining, Python Programming, Software Process and Project Management, DBMS, Web Technologies, Design Patterns, Neural Networks And Deep Learning*

# Skills Summary

* **Languages**: C, Python, JAVA, JavaScript, React JS, SQL, HTML, XML, Angular JS, CSS
* **Frameworks**: Spring, Spring Boot, HTML5, JUnit, Snowflake, Oracle 11.2, DB2.
* **Tools**: IntelliJ, Eclipse, Kubernetes, Docker Hibernate, Git, Bitbucket, GitHub, JIRA, JUNIT, Selenium, MongoDB, PostgreSQL, MySQL, Apache Spark, Hadoop.
* **Platforms**: Linux, Web, Windows, AWS.
* **Networking and Tools**: OSI Model, TCP/IP, LAN, WAN, HTTP, HTTPS.

**Experience**

**APPEX SYSTEMS LLC** *Remote* *Software Engineer July 2023-Present*

* Involved in various phases of Software Development Life Cycle (**SDLC**) such as requirements gathering, modelling, analysis, design, development, and testing.

Developing a Spring Boot restful Microservices integrated with the CI/CD pipeline

* Designed and coded application components in an **agile**environment utilizing a **Test-driven development**(TDD).

Developing Technical design documents using Agile Methodology.

Developed user interface using **HTML5, CSS3, JavaScript, Angular9, JSP, JavaScript, NodeJS,** and **jQuery**for making the **DOM**manipulations and for making **Ajax**calls.

* Designed and implemented server-side **Restful web services** using **NodeJS**.
* Used **Apache POI** for uploading Excel files and optimized the load time by extensively leveraging **Java8 lambda expressions**, **streams, data Structures** and **parallel streams**.
* Developed Business logic with the help of **Spring**and Data Access was implemented by using **Hibernate.**

## Savina Software Pvt Ltd Remote

*Software Engineer Jan 2021 - Feb 2022*

* Collaborated with senior engineers to create and validate software components for a client project. This involved utilizing Java, Spring Boot, and MySQL databases.
* Contributed to the requirements collection process and organized them into design documentation. We adhered to agile practices (Scrum) and followed Test-Driven Development (TDD) principles.
* Actively engaged in crafting the frontend functionality by employing Angular and crafting an aesthetically pleasing user interface through the use of Bootstrap, HTML, CSS, and JavaScript**.**
* Implemented modern JavaScript frameworks such as **React** and **Redux** to create dynamic and interactive user experiences.
* Ensured cross-browser compatibility by writing clean and modular **JavaScript** code, improving user experience across different platforms and browsers.
* Deployed RESTful APIs with Spring Boot, facilitating smooth integration with frontend components and external systems**.**
* Executed comprehensive code assessments and enforced unit testing to guarantee code excellence, efficiency, and sustainability**.**
* Engaged in the development and adjustment of multiple SQL stored procedures**.**
* Utilized **Git** for version control, branching, and merging in a team environment, ensuring efficient code management and collaboration.

# Academic Projects

## Deep learning-based mental health status prediction system using social media data

* Developed a deep learning-powered system to predict mental health status by analyzing social media data. The system uses advanced technology to understand and support people's mental well-being
* Created an innovative project that harnesses the power of deep learning and social media data to predict individuals' mental health, aiming to provide valuable insights and support for mental health awareness.

**eCommerce application**

• A sample shopping application where users can browse and buy products.

• Used React for frontend, Redux to manage the state and node, express for handling the api calls.