

# MANIDEEP BHEEMANATHI

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## EDUCATION

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### Master of Computer Science, (GPA: 3.40)

Jan 2023 - May 2024

University of Central Missouri - Lee's Summit, MO.

**Coursework:** Advanced Application Programming in Java, Ethical hacking, statistical foundation for Data Science and AI, Programming Foundation for Data Science and AI, Advanced Algorithms, Advanced Database Systems, Database Theory and Applications, Compiler Design and Construction, Advanced Operating Systems

### Bachelor of Technology - Computer Science,

Jun 2018 - Aug 2022

St. Martin's Engineering college - Hyderabad, India

**Coursework:** Java Programming, Object Oriented Programming, Introduction to Data Structures, Machine Learning, Computer Networks

## TECHNICAL SKILLS

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**Programming Languages:** Java, Python, C, C++, JavaScript, PHP

**Web Technologies:** HTML, CSS, JavaScript, React, Spring Boot, Tailwind CSS, NodeJs

**Databases:** MYSQL, MongoDB, PostgreSQL

**Tools:** IntelliJ, Postman, Visualstudio code, Pycharm, Jupyter Notebook

**Other Technologies:** Machine Learning, Deep Learning and Artificial Intelligence

## EXPERIENCE

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### Software Developer, Petabyte Technologies, LLC. Dallas, Texas

Jan 2024 - Apr 2024

- contributed to the development and deployment of innovative software solutions, leveraging technologies for web development and mobile app development.
- Demonstrated ability to collaborate effectively within cross-functional teams to deliver high-quality products.

### Intern, Traid Technologies, Hyderabad, India

Sep 2021 - Mar 2022

- contributing to the development of a CNN-based Covid Face Mask Detection system in Python, achieving high accuracy through model training on diverse datasets and rigorous testing to meet quality standards

## PROJECTS

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### E-Commerce Application — Java, Spring Boot, React, Redux,MySQL, Razorpay

Nov 2023

- Developed a full-stack e-commerce application using SpringBootserving as a REST API with React as the frontend and MySQL as the Database
- Implemented Authentication using JWT and Spring Security
- Used Redux for handling state in the application and Tailwind CSS for UI design
- Implemented Payment Integration using Razorpay

### Chat Application — Javascript, React, Spring Boot, MongoDB, SocketIO

Aug 2023

- Developed Application using Spring Boot for backend with React as the frontend and MongoDB as the database
- Implemented Authentication using JWT and Bcrypt and Real time Messaging using Socket.IO

### EmployeeManagement System Deployment — AWS, Spring Boot, React

Dec 2022 - Feb 2023

- Developed an Employee Management System using Java,react,Spring Boot and MySql and deployed in AWS
- Utilized Amazon S3 for deploying Static files of website and Utilized Amazon RDS for Deploying SQL tables
- Utilized Amazon EC2 for deploying Backend which is built using Spring boot
- Tried Deploying backend application using Amazon Beanstalk to verify which is better between Amazon Ec2 and Beanstalk

### Covid Face Mask Detection Using CNN — Python, Machine Learning

Sep 2021 - Nov 2021

- Developed and implemented a robust face mask detection system using convolutional neural networks.
- Successfully trained the CNN model on diverse dataset.
- Achieved high accuracy in identifying individuals wearing or not wearing face masks.