Balakrishna Mangala

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EDUCATION

University of Maryland Baltimore County   **Baltimore, MD**
Master of Science in Computer Science | CGPA : 3.2/4   *Jan 2024 - May 2025*

State University of NewYork at Albany   **Albany, NY**
Master of Science in Computer Science | CGPA : 3.35/4   *Aug 2023- Dec 2023*

Anurag Group of Institutions   **Hyderabad, India**
Bachelor of Science in Computer Science | CGPA : 8.44/10   *Jul 2018 - May 2022*

EXPERIENCES

Capgemini Technology Limited   **Bangalore, Karnataka**
Senior Analyst/ Associate-II Software Engineer   *Aug 2022 - Jul 2023*
- Developed and maintained components for both front-end and back-end of applications using the REACTJS and NodeJS. Conducted code reviews and contributed to the continuous improvement of development processes.
- Worked on back-end development tasks, including server coding and database management.
- Participated in agile Software development, prototyped and code reviews with a small team of developers.
- Designed new features and performance enhancements for existing systems.
- Tested software performance using Integration, Unit, e2e to ensure reliability and scalability using Jasmine.

Capgemini Engineering | *Software Engineer Intern*   *Mar 2022 - Jul 2022*
- Built a web application through AngularJS and created different components for the application.
- Implemented modern and responsive UI for the web and mobile.

PROJECTS

Multiplex Booking System | *ReactJS, HTML, Bootstrap, NodeJS, Postman, MongoDB*   Aug 2022 - Dec 2022
- Developed a website for Online Movie Ticketing System using HTML, Bootstrap, JavaScript, ReactJS as front-end and Node.js and Express.js as back-end and database MongoDB.
- Developed a login and registration system using JWT and performed password encryption using bcrypt.
- Built a powerful and complete REST APIs using ReactJS and performed the API testing on postman.
- Designed and configured a database to perform CRUD operations using MongoDB hosted on AWS Amplify.

Descriptive Online Examination System | *HTML, Bootstrap, JavaScript, Python, SQLite*   Jan 2022 - May 2022
- Developed a Examination portal using HTML, JavaScript and used Django framework for back-end application which is written in python and database used SQLite.
- Developed the website has the feature where the students write the descriptive answers which will be automatically evaluated with the help of Natural Language Processing Techniques.

WhatsApp Chat Analyzer | *Python, Streamlit framework, Pycharm*   Sep 2021 - Dec 2021
- Developed a Machine Learning project that mainly analyzes the WhatsApp chat data using various machine learning algorithms like TextBob, VADER algorithm.
- Used the streamlit framework in python to create a website for this project.

TECHNICAL SKILLS

Programming Languages: C, C++, JAVA, Python, JavaScript, HTML/CSS, SQL, TypeScript
Frameworks: React, Angular, Node.js, Express.js, Weka, Streamlit
Tools, Technologies and OS: Git, Machine Learning, Unix, IBM Watson, Postman,VS Code
Data Management: MySQL, SQLite, MongoDB