


# BHANU CHERYALA

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## Education

### University at Albany

*Masters in Computer Science*

**August 2022 – Current**

*Albany, Newyork*

### Malla Reddy Engineering College

*Bachelor of Technology in Computer Science*

**August 2017 – July 2021**

*Hyderabad, India*

## Relevant Coursework

- Data Structures
- Algorithms Analysis
- Artificial Intelligence
- Systems Programming
- Software Methodology
- Database Management
- Internet Technology
- Computer Architecture

## Experience

### Experian

*Software Engineer*

**May 2021 – July 2022**

*Hyderabad, India*

- Working on core project (Ascend Portal), which provides services to many clients such as Bank of America etc.
- End to End feature implementation of Ascend Portal using React.js, Nest.js and Aws.
- Developed a service to automatically perform a set of unit tests daily on a product in development in order to decrease time needed for team members to identify and fix bugs/issues.
- Developed and implemented front-end architecture to support user interface concept with 100% accuracy via React concepts.
- Technology used: React.js, Node.js, Nest.js, Cypress, Mongo DB, Jira, Agile, Jenkins, Jest.js

### Safertek Software LLC

*Software Development Engineer Intern*

**Jan 2021 – April 2021**

*Hyderabad, Telangana*

- Worked on Real-Time Application Warehouse Management Application (UFactory).
- Worked on Real-Time Application Warehouse Management Application Implemented several optimization methods such as stored procedures, functions, and views for CRM application.
- Collaborated with team members using version control systems such as Git to organize modifications and assign tasks.
- Troubleshooted and debugged application codes to improve functionality and performance by 95%.
- Used Technologies and Tools are Oracle Db, React.js, Python, Visual Studio.

## Projects

### Attendance Management System | *React.js, Node.js, Oracle Db, Charts.js*

**Dec 2019**

- Developed an automatic attendance system using react and oracle.
- Implemented several optimization methods such as stored procedures, functions, views and designed a data model using Oracle DB to develop students' attendance database.
- Created web application which was ingesting data from tableau for dashboard and increased interface by more than 50%.

### Handwritten Character Recognition | – *Python, OpenCV, Pandas, Matplotlib, TensorFlow*

**November 2020**

- Developed application which can effectively recognize a particular character of type format using the Image Processing techniques.
- Processed user inputted information in the back-end of the app to return a predicted letters using neural networks to give a final text.

## Technical Skills

**Languages:** Java, JavaScript, SQL, Python, Data structures and Algorithm,

**Developer Tools:** VS Code, Eclipse, Amazon Web Services, Android Studio

**Technologies/Frameworks:** React, Nest.js, Linux, Jenkins, Git, Cypress, Agile, Scrum, Oracle, Jira, MongoDB

## Leadership / Extracurricular

### TELANGANA SMART CITY HACKATHON,

**Jan 2018**

*Team Lead*

- Achieved merit in Smart City Hackathon conducted by Task under Telangana Government.
- Managed executive board of 5 members and ran meetings to oversee progress in essential parts of the hackathon.

### Inter-School Cricket Team

**Jun 2013 – April 2015**

*Team Captain*

*Zilla Parishad High School*

- Adopted a several leadership approach to support 10 peers in team-centered practice and competition.
- Led chapter of 15+ members to work towards goals.