

# BALAVARDHAN REDDY MALYALA

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## Education

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### Southeast Missouri State University

Master of Science, Applied **Computer Science**

Aug 2023 - Dec 2024

Skills: Cloud, AWS,

### Institute of Aeronautical Engineering

Bachelor of Technology, **Computer Science and Engineering**

Jul 2018 - May 2022

Courses: Data structures and Algorithms, System Design, Object Oriented Programming, Database Management System

## Work Experience

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### Tata Consultancy Services (TCS)

Hyderabad, India

Assistant System Engineer

May 2022 - May 2023

- Developed a Flutter-based web application to support financial analysis across **17 branches** in Australia, enabling branch admins to effectively monitor and analyze detailed financial statistics. Created reusable **custom widgets** to enhance consistency and streamline development, boosting efficiency by **15%**.
- Implemented year-over-year loan account revenue comparisons through **interactive graphs**, enabling admins to analyze specific quarterly data (**Q1, Q2, Q3**) and derive valuable insights.
- Spearheaded **UI design** and frontend development, **managing login, authentication, profile, dashboard**, and other external components, ensuring the interface met **100%** of client specifications.

### Chef Connect India (CCI)

Jaipur, India

Full-Stack Mobile Application Developer Intern

Jan 2022 - May 2022

- Led a team of **2 developers** in the successful development and release of **iOS and Android apps** using **Flutter, Dart**, and **Firebase**, achieving **5,000+ downloads** within two weeks on the Play Store.
- Managed the complete **app lifecycle**, including **frontend design** and **backend integration**, and implemented a booking system for clients to hire chefs based on **reviews** and menu availability.
- Provided detailed **analytics** for **administrators**, enhancing **decision-making processes** and resulting in over **300 bookings** within two weeks of app launch.
- Coordinated development recruitment, enhanced **team management skills**, and achieved **4.8-star ratings** across **200+ reviews**, indicating **high user satisfaction**.

## Projects

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### Java-based Employee Management System

- Created in **IntelliJ IDEA** with a **MySQL** backend, provides an intuitive interface for handling employee records. It features a splash screen and secure login, leading to a **dashboard** where users can add, view, update, and delete employee details, streamlining HR tasks and maintaining accurate **data management**.

### Portfolio Webpage

- Developed a responsive React portfolio site to showcase verified project details, education, and **rated skills, featuring custom styling** and **interactive elements** that enhance **user engagement** and highlight expertise.

### AWS Project

- Developed and hosted a webpage using **AWS services**, leveraging **EC2** for hosting, **S3** for storage, and **RDS for database management** to ensure scalability and high availability.

### Parking App

- Created a parking locator app using **Flutter, Dart**, and **Firebase**, allowing users to book slots based on availability and integrating **Google Maps** and **Cloud API** for location tracking.

### IARE Fest App

- Led the development of a college festival app using **Flutter, Dart**, and **Firebase**, facilitating registration and achieving over 1,000 downloads within three days of launch on Google Play.

## TECHNICAL SKILLS AND CERTIFICATIONS

Java | Python | JavaScript | Dart | C | C++ | MySQL | MongoDB | Firebase | Google Cloud | AWS (EC2, S3, RDS, Lamda) | Oracle | React | Flutter | HTML | CSS | Git | GitHub Desktop | Jira | Jupyter Notebook | Visual Studio Code | IntelliJ |

- Skilled in time management, consistently delivering tasks on schedule and meeting all deadlines efficiently.
- Achieved finalist status in the Hackathon at the Annual Technical Management Fest (2019)
- During my bachelor's degree, I won 7 coding challenges, competing against 350 participants.