

BHARATH BATTIPALLY

Raparthi Nagar -2, Khammam, Telangana 507001

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Experience

AMAZON

01/2023 to 06/2023

Application Engineer Intern

Bengaluru, India

- Developed Python scripts utilizing ML models to automate defect identification across millions of ASINs, resulting in a 40 percent operational costs reduced and enhanced product quality assurance.
- Implemented SQL scripting techniques to create and optimize Redshift tables, resulting in a 30 percent increase in data loading speed and improving overall database performance.
- Spearheaded the utilization of AWS CloudWatch to drive data-driven decision-making; conducted comprehensive analysis and visualization, leading to a 30% reduction in operational costs and a 20% improvement in overall efficiency.
- Integrated diverse use cases onto the AF2 platform for automatic identification and rectification of defects associated with ASINs, demonstrating proficiency in platform integration and advanced machine learning applications.
- Collaborated with two internal Amazon teams to develop QuickSight Dashboard, enabling analysis of weekly defect trends for 100 million ASINs; achieved an exceptional 82 percent improvement in data-driven decision-making at RBS Tech.

Education

Chaitanya Bharathi Institute of Technology

08/2019 to 05/2023

B.E in Electronics and Communication, GPA: 8.09/10.0

Hyderabad, Telangana

Sri Chaitanya Junior College

06/2017 to 04/2019

Pre University Percentage: 96.4

Khammam, Telangana

Technical Skills

Languages : C++, Python, SQL

Technologies/Frameworks : Linux, Docker, GitHub

Web-Development : HTML , CSS, JavaScript, Node.js, Express.js, React.js, MongoDB

Cloud Services : AWS - EC2, Lambda, CloudWatch, SNS, S3, Quicksight, Redshift

Projects

Chat Application 🗯 | *Socket.io, Reactjs, Node.js, Express.js, MongoDB*

- Initiated and spearheaded the development of a robust chat application, implementing real-time messaging features and secure authentication, resulting in enhanced user engagement and streamlined communication within the app users.

Online Examination Portal 🗯 | *MongoDB, Node.js, Express.js*

- Architected the development of a web application for secure online examinations, resulting in a remarkable 50 percent reduction in administrative overhead. Engineered a facial recognition capability leveraging JavaScript API, resulting in a seamless user experience and enhanced application security; achieved a 40 percent reduction in fraudulent activities.

Developers Hub 🗯 | *Reactjs, Node.js, Express.js, MongoDB*

- Designed a centralized platform for developers to create comprehensive profiles, showcasing skills and experience, resulting in a 40% increase in successful developer-to-business matches.

Vehicle Classification and Number Plate Extraction | *ML, Python*

- Developed and implemented a robust Deep Learning and KNN Algorithm-based system for vehicle classification and number plate extraction, lead to 40 percent decrease in manual processing time and improved operational efficiency.

Position of Responsibility

Vice President - IETE

- Designed and led a team of five for two 3-day workshops, where 15 industry experts guided the students about advancements in technology and career opportunities in Electronics and Telecommunication Engineering.

Relevant Coursework

- Data Structures and Algorithms, Object Oriented Programming, Operating System, Database Management System.

Certifications

- **Certificate 1:** JP-Morgan-Chase-Virtual-Internship
- **Certificate 2:** Python - Certified by Google (Coursera)

Achievements

- Secured 3k rank Out of 0.25 million candidates in Telangana State Engineering Common Entrance Test.
- Secured Merit Scholarship from MHRD.