

BHARATH BATTIPALLY

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Summary

Dedicated and results-driven Application Engineer Intern with experience in Software Development, Machine Learning and Data Analysis. Seeking to leverage technical skills and passion for Web Development and Machine Learning to contribute to innovative projects and continue to learn and grow in the field .

Experience

AMAZON

Jan 2023 - Jun 2023

Application Engineer Intern

Bengaluru, India

- Developed an Amazon Quicksight Dashboard to analyze weekly defect trends, enabling data-driven decision-making for RBS Tech by collaborating with two internal teams of Amazon.
- Designed and implemented customized Python scripts to systematically identify defects across millions of ASINs, meeting client specifications and significantly enhancing operational efficiency.
- Proficiently created and optimized Redshift tables using SQL scripting, showcasing expertise in database management and performance optimization. .
- Utilized AWS CloudWatch to conduct data modeling, analysis, and visualization, enabling data-driven decision-making.
- Adeptly onboarded diverse use cases onto the AF2 platform and utilized ML models to identify defects in millions of ASINs, showcasing proficiency in platform integration and advanced machine learning application. .

Education

Chaitanya Bharathi Institute of Technology, Hyderabad

2019-2023

Bachelor of Engineering - Electronics and Communication

GPA: 8.29/10

Sri Chaitanya Junior College, Khammam

2017-2019

Maths, Physics, Chemistry

Percent: 96.8

Technical Skills

Languages/Database: C++, Python, SQL

Web Technologies: HTML, CSS, Javascript, react.js, Flask

Software/ Tools: AWS CloudWatch, AWS SNS, AWS Quicksight, AWS S3, AWS LAMBDA, Datanet, AWS Redshift

Areas of Interest: Web Development, Machine Learning

Projects

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

- Developed and implemented a robust Deep Learning and KNN Algorithm-based system for precise vehicle classification and accurate number plate extraction, resulting in a 40 percent reduction in manual processing time and improved overall operational efficiency.

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

- Developed and implemented innovative web application for secure online examinations while reducing administrative overhead by 50 percent.

Sentiment Analysis | *Python, Flask*

- Developed an application that performs sentiment analysis on a provided text using Watson NLP library and deployed it over the web using Flask framework.

e-Dictionary | *HTML, CSS, Javascript, react.js*

- An app made using react that fetches the information about the word searched in English.

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)

Position of Responsibility

Publicity Head - IETE

- Worked as Publicity Head at IETE used to organize various technical seminars by inviting industry experts and helped in organizing workshops related to electronics and telecommunication

Achievements

- Achieved 2nd rank in District-level Quiz Competition at Balotsav
- Secured 3k rank Out of 0.25 million candidates in Telangana State Engineering Common Entrance Test
- Secured Merit Scholarship from MHRD