

Bharath Simha Reddy Nalla

463-256-8022 | Indianapolis, IN | bharath.one99@gmail.com | [linkedin.com/in/bnalla](https://www.linkedin.com/in/bnalla)

EDUCATION

Purdue University

Master of Science in Computer Information Science

Kakatiya Institute of Technology and Science

Bachelor of Technology in Computer Science and Engineering

Indianapolis, IN

Aug 2022 – May 2024

Warangal, India

Aug 2018 – May 2022

EXPERIENCE

Technology Supervisor

IUPUI University Library

Aug 2022 – Present

Indianapolis, IN

- Provide Tier-2 tech support to students, faculty, staff and public library patrons
- Handle IT support requests from the library staff and faculty through ServiceNow
- Responsible for building, maintaining and testing the library computers and classroom technology

Secretary General and Instructor

KITS Model United Nations

Feb 2022 – Mar 2022

Warangal, India

- Organized our core strategies, product roadmap, operations, marketing, and fundraising
- Encouraged nearly 400 students to participate in our event
- Taught approximately 100 students in preparation for the event
- Organized the event with a team of thirty people and saw through it to completion

SKILLS

Proficient: C, Java, Python, JavaScript, Adobe XD, Photoshop

Familiar: PHP, HTML, CSS, C#, Linux, Azure Cloud, Figma, Git, SQL, Node.js, Unity

PROJECTS

Sentiment Analysis on Movie Reviews | *Python, NLTK*

- Conducted data cleansing and preprocessing on a 50,000-entry IMDB movie reviews dataset, showcasing strong data wrangling skills.
- Explored diverse text feature representations, such as bag-of-words and GloVe embeddings, demonstrating expertise in natural language processing for feature engineering.
- Applied machine learning classifiers (Naive Bayes, SVM, logistic regression) and neural networks (CNN, RNN) for sentiment classification.
- Attained optimal accuracy using SVM and logistic regression with bag-of-words features, highlighting proficiency in model exploration, analysis, and evaluation.

Advertisement Portal | *HTML, CSS, JavaScript, PHP, MySQL*

- Developed a full-stack web application for students to create and manage advertisements for events on campus
- Hosted a MySQL database to store event data and allow SQL-based changes
- Integrated email notification functionality to alert participants about upcoming events

Banking App UI Overhaul | *Adobe XD, Figma*

- Reskinned a bank application's User Interface from scratch using Figma initially; following iterations were developed in Adobe XD
- Continuously improved the user experience of the banking app with a focus on visual appeal, practicality, and user experience through multiple iterations
- Redesigned light and dark mode versions for all pages, demonstrating a keen understanding of color and contrast in UI design

CERTIFICATIONS AND AWARDS

Self Dispatch Certification | *Dell TechDirect*

Sep 2022

Dean's Scholarship Tuition Award | *Purdue Graduate School*

Aug 2022

Java Fundamentals and Programming Certification | *Oracle*

July 2020

2D Game Development in Unity | *Rick Davison and Gary Pettie*

Nov 2019