

SUMMARY

I am a self-starter person with strong interpersonal skills. I work efficiently both as an individual contributor as well as along with a team. I seek new challenges and try to think out-of-the-box while looking for creative solutions to a given problem. I believe in learning from my mistakes for I Strongly feel that this virtue will take me ahead in life and career.

EDUCATION

Master of Science in Computer Science, Northwest Missouri State University (4.0)

Jan'21 – May '22

- Courses: Advanced DBS, Big Data, Pattern and framework

Bachelor's in Technology in Computer Science, JNTUH

Aug '16-May '20

TECHNICAL SKILLS

Web Technologies: HTML | CSS | PHP | JavaScript | TypeScript | React.Js | Redux | Angular.Js | Vue.js | Node.js | Hibernate | Spring JPA data | Spring Boot | Spring MVC | Django | Flask | jQuery | Ajax | Bootstrap | XML | Servlets | JSP | Ionic | React Native | UI/UX | .net | Restful APIs | Integration & Usability Testing | Micro Services | Unit Test | CI/CD | SDLC |
Databases: MongoDB | GraphQL | SQL | MySQL | NOSQL | Oracle SQL | DynamoDB | RDS | PostgreSQL |

Skills & technologies: problem-Solving | Data Structures and Algorithms | AI | Hadoop | Spark | Virtualization |

Design | **Libraries:** sklearn | nltk | NumPy | Pandas | PyTorch | Matplotlib | OpenCV | Beautiful Soap | Selenium | AI |

Maven | **Programming Languages:** C/C++ | Java | Python | Scripting | Object-Oriented Programming | Android |

Scala | **Tools:** Git | Anaconda | Jupyter | Bitbucket | GitHub | Jenkins | SoapUI | Apache Kafka | Elasticsearch | Ruby on Rails |

Cloud: AWS Cloud | Microsoft Azure | GCP | GKE | **Containers:** Docker | Kubernetes; **Operating Systems:** Linux | Windows

WORK EXPERIENCE

Software Development Engineer at Adobe

June '22 – Present

- Designed and implemented a comprehensive approach for ingesting long-duration videos by leveraging multiple methodologies, including asynchronous API calls, frame extraction, data annotation, and tailored delivery mechanisms. This system integrates a monolithic PHP application (featuring cron jobs, long-running processes, and advanced REST API capabilities ...etc) with microservices for operations such as renditions, frame generation, moderation, metadata processing, and video ingestion. The solution also includes efficient mapping, storing, and associating of frame and scene data, enabling effective model training for scene and shot detection.
- Developed a robust framework for verifying Content Authenticity Initiative (CAI) data to ensure asset authenticity and licensing compliance. Integrated advanced authentication mechanisms, including promise-based workflows, token exchanges, access tokens, and a GraphQL-based architecture to streamline asset management and user-prompt-based asset generation processes.
- Established a flexible and efficient pipeline for ingesting various types of assets. The pipeline's baseline mechanism supports seamless integration with minimal metadata requirements, enabling assets to be utilized effectively for training, analytics, and commercialization purposes.
- Engineered an efficient system for delivering associated metadata to clients, catering to specific requirements such as model training, classification, and data analysis.

Software Developer at Northwest Missouri State University

April '21 – April '22

- Implemented backend part of the "InternManager" project which is used by students for submitting their intern application.
- This application provides direct contact to different professors. Currently, 3000 students are using this application.
- Design and Developed a PWA "bearcat-equity" using the knowledge on Ionic for frontend and AdonisJs on the backend.
- Also tested this application with 5000 virtual users using SoapUI to check the application's performance.
- Worked on the Front-end part of the Event Tracking System which is used by university professors.
- Used Vue.js for implementation. Currently, this application is used by 300 staff members of the university.

Software Developer Intern at OpenText

Jan '20 - Aug '20

- Utilizing the in-depth knowledge of functional and technical experience in Java and other leading-edge web technologies
- Used the technologies in conjunction with industry for testing Large-Scale projects. Now used by 7000 staff members
- Performed high-quality Continuous integration Testing and Analysis using Selenium, Junit, Jasmine, Jest, and TestNG

PROJECTS

Student Academic Project Managemen

| **AJAX** | **PHP** | **jQuery** | **Html** | **CSS** | **Bootstrap** |

- It is an automation web application that is useful for generating teams among the students.
- In the specific space is used for submitting their abstracts and other project details by the specified teams.
- It can also serve as a communication channel between students and faculty by integrating the chatbox.
- Recorded that over 340 students have used the application and used the Agile approach for implementing the application.

CodeBot

| **Python** | **Flask** |

- This is a Flask application with integration with Telegram and is deployed in Heroku and pipelines with GitHub for auto- mation update of changed code.
- Which displays code of different coding languages. This helps many people easily learn how to code and innovate them- self.
- Provided a search engine where user inputs program name which is to be searched
- I used web scraping packages to scrape the data from different web pages which is used by the application.
- I used natural language processing to clean the data and Used cosine similarity and count-vectorization for predicting results

Bearcat Equity

| **Ionic(Vue)** | **Adonis Js** |

- This application is used by University Students to report a different issue that they are facing on-Campus or off-campus
- One can also report complete incident details which are directly reported to the Bearcat Equity team.
- I used crypto 256 encryption technic for protecting the data.
- I architected and built a Mail System that sent mail to committee members whenever any person reports an incident

Route-Directing

| **Python** |

- This is a project which displays the shortest path among the set of locations given by the user dynamically and displays the shortest path from the source in the folium map. This is done with the knowledge of web scraping, Dijkstra algorithm.

CERTIFICATIONS

- **Infosys** certified software programmer and codevita Season 8 (3512 ranks out of 55654)
- Certified in the architecture of google Kubernetes Engine by **Coursera**
- Certified in Java, C, DS, and Python and mobile app development by **IBM**