BHAVYA EDARA

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EDUCATION

University of Missouri, Kansas City *Aug 2022 - Dec 2023*
Masters of Science
Department of Computer Science

SRM University, India *July 2018 - May 2022*
Bachelor of Technology
Electronics and Communication.

CARRIER OBJECTIVE

As a fresher entering the job market, I am willing to bring a fresh perspective, eagerness to learn, and flexibility to different roles within the technology industry.
My interdisciplinary background gives me a competitive edge in tackling complex engineering challenges and contributing to innovative projects that require both hardware and software integration.

WORK EXPERIENCE

Intalent, LLC, TX May 2023
Python Developer

- Developed and maintained microservices using FastAPI, improving system performance and scalability.
- Collaborated with front-end developers to integrate user-facing elements with server-side logic.
- Adapted to an agile environment, contributing to the development process through User Stories and adherence to SDLC principles.
- Created API specifications using Swagger for Rest Services, facilitating seamless communication with external teams.
- Utilized AWS Serverless technologies (Lambda, DynamoDB, S3, SQS, SNS) to build and deploy scalable applications.
- Implemented GraphQL APIs to streamline data querying and manipulation.
- Engineered robust microservices with FastAPI, enhancing system performance. Integrated front-end elements with server-side logic, fostering seamless user experiences.

Amedha Info Systems Aug 2021
Internship

- Developed RESTful APIs and web tools using Python, Django, Pandas, and Matplotlib for data analysis and visualization.
- Created custom reports and managed databases using HTML, Python, and MySQL.
- Worked on multiprocess architectures, debugging, and tracking tasks in an agile environment with JIRA.
- Built Python-based GUI components and implemented back-end rules and policies with Node.js/Python.

Electronics Corporation Of India Limited Jan 2020
Internship

- Designed and implemented an IoT-based Biometric System for secure and efficient authentication.
- Integrated advanced sensors and optimized data processing, reducing latency by 25

· Demonstrated strong skills in IoT technologies, data processing, and system optimization.

Residential Life Desk Attendant Aug 2022

Administered information at the Welcome Desk, ensured 100% resident satisfaction by handling inquiries, equipment check-outs, and mail services. Demonstrated reliability in a fast-paced environment.

TECHNICAL STRENGTHS

Software Languages	C, Python, JavaScript, HTML, CSS, Angular, SQL.
Frameworks	Django, Flask, React, Angular, Node.js
Databases	MySQL, Amazon DynamoDB, MongoDB, Amazon RDS
Operating Systems	Microsoft Windows, Apple MacOS, Android, Linux
Tools/IDEs	PyCharm, Jupyter Notebook, Eclipse, Visual Studio Code, Spyder
Web technologies	Html5, CSS, PHP, JavaScript, JSON, jQuery
Software & Tools	Figma, Framer, Adobe XD, Basic knowledge in AE
Designing tools	IA, Wireframe, Interaction Design, Design System, Rapid Prototyping

PROJECTS

Customer Feedback Analysis Tool
Built a robust customer feedback analysis tool using Flask and PyMongo to collect and store feedback data efficiently.
Implemented advanced NLP techniques to analyze sentiment and categorize feedback, providing valuable insights into customer opinions and trends.
Integrated GraphQL to enable querying capabilities for front-end applications, allowing users to retrieve and interact with the feedback data dynamically.This tool enhanced the ability to understand customer needs and improve service quality based on detailed sentiment analysis.

Big Data Analytics for Effective Cardiovascular Heart Attack Prediction Using AWS
Employing AWS cloud technologies, extensive healthcare data was stored and analyzed for heart disease prediction.
AWS SageMaker and Lambda were leveraged to construct a reliable, scalable, and cost-effective platform, meeting user needs in deploying predictive models and automating tasks.

Apple Apps User review score prediction
Analyzed Kaggle datasets to predict user review scores with 90% model accuracy to implement machine learning techniques, forecasting user review scores through a methodical approach.
The project aimed to optimize app quality and enhance user experience by scrutinizing and capitalizing on user feedback.
By analyzing patterns and trends within the dataset, the machine learning models provided actionable insights to improve app features and address user concerns effectively.

CERTIFICATIONS

Google UX Design specialisation

· Proficient in UX design process using user research, wireframes, and prototyping.

Crash Course on Python By Google

· Skilled in Python scripting and automation using strings, lists and dictionaries.