BHAVYA EDARA

https://bhavyaedara7.github.io/Bhavya-portfolio/

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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.

TECHNICAL STRENGTHS

Programming Languages	Python, JavaScript, C, HTML5, CSS3, SQL
Frameworks & Libraries	Django, Flask, React, Angular, Node.js, Bootstrap, jQuery
Cloud & DevOps Tools	AWS, Azure, Docker, Git, GitHub
Databases	MySQL, PostgreSQL, MongoDB, Amazon DynamoDB
Tools/IDEs	VS Code, PyCharm, Jupyter Notebook, Eclipse, Spyder, Git
Web technologies	REST APIs, JSON, AJAX, Material UI
Design Tools	Figma, Framer, Adobe XD
UI/UX Skills	Wireframing, Prototyping, Interaction Design, Design Systems, IA

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.
· Actively collaborated with Dev Architects and Leads to create intuitive, scalable UI/UX interfaces.
· Contributed to the end-to-end design and development of single-page applications (SPAs).

Intalent, LLC, TX
Internship   Nov 2022

· Assisted in solving client-specific IT issues and business requirements.
· Learned and contributed in agile processes, working with User Stories and SDLC practices.
· Documented REST API specifications using Swagger and exposed endpoints for external integration.
· Supported UI development tasks using React JS, Angular 7, Material UI, HTML5, CSS3, and Bootstrap.
· Created DTOs and mapper files using Spring JPA to map objects with the database.
· Participated in team brainstorming sessions for backend logic in Java 8.

Amedha Info Systems
                                                                     Aug 2021

· Developed RESTful APIs and internal tools using Python, Django, Pandas, and Matplotlib for data analysis and visualization tasks.
· Created dynamic, database-driven reports and web pages using Python, HTML, and MySQL.
· Implemented basic multiprocessing logic and task automation scripts for data handling.
· Built interactive GUI components using Python and implemented back-end rules with Node.js.
· Practiced version control using Git, participated in code reviews and documentation.
· Gained hands-on experience integrating front-end and back-end components in a full-stack environment.

Electronics Corporation Of India Limited
Student Intern   Jan 2020

· Designed and implemented an IoT-based biometric authentication system that integrates fingerprint sensors with microcontroller-based hardware for secure access control.
· Worked with embedded systems and sensor modules to collect and transmit data efficiently across communication channels.
· Applied MATLAB for analyzing biometric signal patterns and optimizing sensor data processing.
· Gained hands-on experience with serial communication protocols and basic networking concepts used in IoT systems.
· Documented hardware-software interactions and implemented back-end logic for device control and monitoring.

Residential Life Desk
Student Assistant   Aug 2022

· Administered information and support at the Welcome Desk, maintaining clear communication and professionalism.
· Ensured resident satisfaction by efficiently handling inquiries, equipment check-outs, and mail services.
· Demonstrated reliability, punctuality, and adaptability in a fast-paced, customer-facing environment.
· Developed strong problem solving and interpersonal skills, contributing to smooth daily operations and team coordination.

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.