

BHAVYA EDARA

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

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EDUCATION

University of Missouri, Kansas City

Aug 2022 - Dec 2023

Master of Science

Department of Computer Science

SRM University, India

July 2018 - May 2022

Bachelor of Technology

Electronics and Communication.

CARRIER OBJECTIVE

Motivated and detail-oriented software professional with over 2 years of industry experience in backend and full-stack development, combining a strong foundation in software engineering with an interdisciplinary background in electronics and system integration. With hands-on experience in backend APIs, responsive frontend frameworks, and system-level integration, I bring a balanced approach to solving complex engineering problems. Eager to grow within a dynamic tech environment, I aim to deliver high-quality, scalable products while continuously expanding my technical and collaborative skill set.

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 - Present

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

Nov 2022 - Apr 2023

Internship

- 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

Apr 2021 - May 2022

Software Developer

- 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

Jan 2020 - Mar 2020

Student Intern

- 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

Aug 2022 - Dec 2023

Student Assistant

- 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.