

Sriprada Upadya

Mandarathi Udipi

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WORK EXPERIENCE

Research and Development Intern

NITTE

Experimind Labs Pvt Ltd

Oct 2023 – Jul 2024

- Worked part-time intern for 4 months, then transitioned to full-time intern
- Developed user interfaces and functionality using React ,Express js and Tailwind CSS
- Contributed to the development of client based projects for patent application
- Led a research-based project focused on Automated Trading Software. This project showcased my ability to conduct in-depth research and implement cutting-edge solutions

EDUCATION

NMAM Institute of Technology

UDUPI

Master of Computer Application | CGPA : 8.64

Nov 2022 – Jun 2024

Mahatma Gandhi Memorial College

UDUPI

Bachelor of Science in Computer Science | CGPA : 6.35

Jul 2018 – May 2021

SKILL SUMMARY

Programming Languages : C,Java,SQL,Python,AFL
Developer Tools : VS Code,Intelli J Idea, Eclipse
Other Tools : Amibroker,Adobe After Effect,PhotoShop,Adobe Illustrator

PROJECTS

Robosort | *Python,Flask,Raspberry Pi*

- Developed "Robosort," a single-armed robot for object detection and sorting using Python, FastAPI, YOLOv5 and MediaPipe
- Ensured seamless user experience with a robust hardware setup, utilizing a Raspberry Pi, Servo motors and a camera module to provide reliable and efficient performance for industrial automation tasks
- Provided users with versatile operational modes (manual, semi-automatic, and fully automated) through a simple web page interface built with HTML and JavaScript for easy control and adaptation to industrial needs
- Showcased innovative project features with "Robosort," where I led the development and integration efforts, including designing the system architecture, implementing advanced algorithms, and optimizing hardware components

RevieMi | *Java, Spring Boot, Mongo DB, React*

- Took the initiative in starting the project and collaborated with a team of 8 members
- Taking charge of the backend development, I seamlessly connected the application's backend with MongoDB, ensuring smooth data flow and efficient operations
- Played a crucial role in backend testing with Postman, ensuring reliability and performance
- As the second lead, I demonstrated effective leadership skills, motivating the team when needed, became more enthusiastic about learning new things

ACHIEVEMENTS

- Secured 2nd place in a district-level Badminton tournament, demonstrating competitive skill and athleticism
- Head of Events for 3 SEMAPHORE 2024 events, showcasing graphic design skills and team support

CERTIFICATIONS

Oops in Java – Code Studio | Basics of SQL– MICE | Basics of Sony Vegas Pro17– YouTube

HOBBIES AND INTEREST

Badminton,Cricket,Video Editing