

Sharanya Patil

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SUMMARY

Having a positive aptitude for problem-solving and logical reasoning, combined with hard-work, I strive to accomplish all tasks with the highest level of accuracy. I am always looking for innovative ways to accomplish things with professionalism and creativity. Putting my best foot forward in everything I do is driven by the fact that every experience brings me a wealth of knowledge and lessons that I can apply to my future endeavours.

EXPERIENCE

VPL INDUSTRIAL TECHNOLOGIES PVT LTD.

Web Development & Marketing ,Bengaluru

5/2021 - Present

- Supervised the design, development, and upkeep of cutting-edge digital solutions to improve the company's online presence and user experience. Led web development and application development activities.
 - By actively participating in marketing strategies, working with cross-functional teams, and selling products to a global audience, helping in brand awareness and growth.
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IEEE ROBOTICS AUTOMATION SOCIETY

Project Intern,Bengaluru

5/2023 - 7/2023

- During my internship, I worked on 'AID-FOR-BLIND' the project's development, utilising cutting-edge technology including computer vision, speech and text recognition, and machine learning to provide a complete assistive system for those with visual impairments.
 - Developed and put into use real-time functionality, such as navigation assistance, object identification, optical character recognition, gesture recognition, and emotion recognition, enabling users to communicate with a dynamic virtual assistant in a simple and effective manner.
 - Showed a dedication to inclusivity by putting user-friendliness and cost-effectiveness first, bridging the gap between the blind and their surroundings, and advancing accessibility through cutting-edge assistive technologies.
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PROJECTS

Social Media Website

- Led the development of a dynamic social media platform using the MERN stack (MongoDB, Express.js, React.js, and Node.js), ensuring seamless user interaction and robust back-end functionality.
- Successfully integrated user authentication and login functionalities. Engineered a media uploading module. Developed a user profile viewing option, allowing users to browse, connect and interact with other community members.

VIP Kit (Device for Visually Impaired Person)

- By incorporating geolocation and routing APIs for navigation, real-time object detection through depth maps, and emotion recognition for understanding facial expressions, the project transcends the realm of theory and actively addresses the practical needs and challenges faced by the visually impaired in their daily lives.
 - ALL IN ONE Device-Developing it in various modes so that a single input can do multiple functions and help the blind person with his day to day chores.
 - The various modes can be accessed to other people with disabilities as well,making this a multipurpose application.
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SKILLS

- OpenCv,Image Processing,Deep Learning, TensorFlow and Keras, Full / MERN Stack developer, JAVA, C,Python, C++, and JavaScript, App development using Flutter
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EDUCATION

Bachelor of Technology

PES UNIVERSITY,BENGALURU

PCMC

OXFORD COLLEGE,BENGALURU

ICSE

R.N.S VIDYANIKETAN,BENGALURU

EXTRACURRICULAR ACTIVITIES

Head Of Marketing

- **The Changemakers Society**

Leading a team of 120 members ,organised various events and contributing for a susatinable and healthy planet.

- **IEEE RAS**

Organised Robotic hackathons,ideathons,workshops.

Best Entrepreneural Pitch Desk

- Won the Competition amongst 35 leading teams.