

SHIVA KUMAR REDDY BOBBALI

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EDUCATION

University of Dayton
Master's, Computer Science

August 2023 - May 2025
GPA: 3.6

St. Peters Engineering College
Bachelor's, Computer Science

August 2018 - August 2022
GPA: 7

PROFESSIONAL EXPERIENCE

Path Creators
Robotics Engineer Intern

Hyderabad, AP, India
September 2022 - February 2023

- After completing my bachelor's degree, I pursued a hands-on internship where I led the development of an Obstacle-Avoiding Robot, applying advanced navigation algorithms to solve real-world challenges
- This experience allowed me to strengthen my skills in embedded systems, logical problem-solving, and project execution
- I collaborated closely with a team to troubleshoot technical issues, coordinate development tasks, and streamline the integration process
- By managing the project efficiently and staying ahead of deadlines, I gained valuable exposure to working in a structured, outcome-driven environment—an experience that laid a strong foundation for my ongoing graduate studies and future roles in tech.

PROJECTS & OUTSIDE EXPERIENCE

Well'n'Ease App - [Link to project](#)

Dayton, OH, USA
March 2025 - April 2025

- The WellnEase App is a comprehensive health and wellness tracking application designed to help users monitor and manage their well-being effectively
- The app enables users to log their heart rate, sleep hours, and mood levels, providing actionable health insights through a personalized chatbot
- By analyzing user inputs, the chatbot delivers tailored suggestions to promote healthier habits and mental well-being
- The app's intuitive interface allows users to visualize their health data trends, making it easy to track progress over time.
- Created initial user interface layouts and user flows using Figma, establishing a visually cohesive structure focused on simplicity and user experience.
- Translated Figma designs into functional screens using Flutter, ensuring responsive design and intuitive navigation.

GSM & GPS-Based Women's Safety System using Arduino

Hyderabad, AP, India
April 2022 - July 2022

- Designed and developed a GSM & GPS-Based Women's Safety System using Arduino. This innovative project aimed to enhance women's safety in potentially risky situations.
- The system functions as a wearable device, capable of transmitting distress signals and obtaining the user's location in real-time using GSM and GPS technology.
- The distress signals are sent to designated contacts or authorities, establishing an immediate and effective safety network for women in vulnerable situations.

SKILLS

- **Skills:** Dart, Figma, Flutter, HTML/CSS, JavaScript, MySQL, Arduino, figma, Python, Data Analysis, Android Development, C/C++
- **Interpersonal Skills::** Cross-Functional Collaboration, Team Coordination