

SHIVANSH SHARMA

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EXPERIENCE

Product Designer | Engineering Clinics Embedded C using Arduino

Final Documentation

September 2022 - December 2022

VIT-AP University-(Project)

- Designed and developed a fully autonomous Smart Vacuum Cleaner Robot utilizing Arduino, capable of efficiently cleaning floors in rooms or buildings without human intervention.
- Implemented innovative features, such as obstacle detection and adaptive cleaning patterns, resulting in enhanced user experience.
- Conducted user-centric design sessions to gather feedback, resulting in iterative improvements and a highly user-friendly final product.
- Designed, developed, and documented a Smart Vacuum Cleaner Robot using Arduino Uno with Embedded C.

PROJECTS

Portfolio

Website

June 2023 - June 2023

- Developed a project using ReactJS, executing all tasks involved in its creation.
- Implemented email.js functionality and integrated Reacts icons, ensuring a seamless user experience.
- Organized project folders for components and assets in an efficient manner, resulting in improved code maintenance.
- Demonstrated proficiency in writing well-structured code techniques, leading to enhanced project scalability and maintainability.

Project Maptly | Udemey Project

GitHub

May 2022 - July 2022

- Utilized JavaScript, Leaflet library, and Geolocation API to display dynamic maps on the project and implemented an efficient project architecture.
- Tech: JavaScript, Leaflet Library, Geolocation API.

Project Bankist | Udemey Project

GitHub

June 2022 - June 2022

- Added date functionality to Bankist App, enabling users to view transaction dates in their local time.
- Internationalized dates in the Bankist App using the Intl API, making it accessible to a global audience.
- Implemented Timers: set Timeout and set Interval features to optimize task scheduling and improve app responsiveness.
- Utilized JavaScript and the Intl (Internationalization) API to achieve seamless date handling and localization.

EDUCATION

Bachelors Of Technology in Computer Science and Engineering with Specialization in Artificial Intelligence

Vellore Institute of Technology, Amaravati (VIT-AP) • CGPA-8.31 • Amaravati, Andhra Pradesh • 2024

CBSE Intermediate/10+2

Minor in PCM • Delhi Public School, Varanasi • 83.2%-(Aggregate) • VARANASI • 2020

ICSE-Matriculation Certificate/10th

St. Joseph's Convent School - Varanasi • 77.4%-(Aggregate) • VARANASI • 2018

CERTIFICATIONS

Certificate of Completion-IBM AI ANALYST

[Certificate](#)

IBM • 2023

Successfully completed and received a passing grade in Artificial Intelligence Analyst.

Certificate of Completion - The Complete JavaScript Course 2022

[Certificate](#)

Udemey • 2022

"The Complete JavaScript Course 2022: From Zero to Expert!" program, enhancing proficiency in JavaScript development through comprehensive training

Outreach and Media

[Certificate](#)

Code Chef Club VIT-AP • 2020

• Successfully organized and executed a series of coding events, including Code-Invicta, Code Mate, JAVA JUVENILE, Resources of De<Code>, Code Bid, and Pace-Hunt in Code-Chef Chapter Club.

Certificate of Appreciation-Hour of Code 2016

Code.org • 2016

Successfully completed the Hour of Code event organized by Code.org, gaining exposure to coding and fostering interest in computer science

SKILLS

Programming Languages: Java, C, C Embedded

Front-end Development: HTML, CSS, JavaScript, React-JS

Databases: MongoDB, Cassandra, Neo4j, MySQL

EXTRACURRICULAR & SOCIALS

- Certificate of Appreciation - COVID Volunteer: Recognized for volunteering efforts during the COVID-19 pandemic.
- Completed a self-paced training course on MATLAB Onramp, Participated in Google Science Fair 2015.

Socials : [LeetCode](#) [GitHub](#) [Instagram](#)