

Ashok Kadagala

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Education

Sri Sivani College of Engineering
Graduation, ECE- **7.5**

Srikakulam, Andhra Pradesh
2020-24

Pavan Junior College
Intermediate, MPC- **9.73**

Visakhapatnam, Andhra Pradesh
2018-20

Christina Public School
Secondary School Certificate -**9.3**

Visakhapatnam, Andhra Pradesh
2018

Skills

Front End: HTML, CSS, Bootstrap, FlexBox, JavaScript, SQL.

Back End: Node.js, RestAPI, Python.

Database: MySQL.

Languages: Java*

IDE: VS Code, Arduino IDE (Embedded C/C++).

*courses yet to be completed

Certifications

NxtWave Disruptive Technologies

Nov 2022 - Now

Continuous Capacity Building Program Intensive Bootcamp Trainee

- Developed a Keen understanding on the Fundamentals of Programming with Python.
- Able to build impressive Static, Dynamic and Responsive Websites using JS.

Achievements

Winner in National Level Paper Presentation

10 Mar 2023

- Presented a paper on **Floatovoltaics** for the ASPIRE 2K23 National Level Technical Symposium in Aditya Institute of Technology and Management, Tekkali, Srikakulam.

Winner in State Level Paper Presentation

10 Mar 2023

- Presented a paper on **Blue Eyes Technology** for the CONVERGE 2K24 State Level Technical Symposium in Sri Venkateswara College of Engineering and Technology, Etcherla, Srikakulam.

Winner in College Level Paper Presentation

15 Sep 2023

- Presented a paper on **Embedded Systems** for the Engineers Day Celebrations in Sri Sivani College of Engineering, Chilakapalem, Srikakulam.

Winner in College Level Technical

Quiz

April 2023

- Participated in college level **Technical Quiz** as a group for the Annual Day Celebrations in Sri Sivani College of Engineering, Chilakapalem, Srikakulam.

Projects

Todos Application

Developed persistent todo application with CRUD operations to track list of tasks

- Displayed list of todos with HTML list elements, styled todo list using CSS, Bootstrap
- Implemented todo CRUD operations by using JavaScript event listeners and updated UI dynamically by using JavaScript DOM operations.
- Used Arrays, Objects and their methods during todo list CRUD Operations, Persisted todo list state on page reloads using local storage methods.

Technologies used: HTML, CSS, JS, Bootstrap.

(todolistbyashok.ccbp.tech)

Wikipedia Search Application

Developed custom wikipedia search application where user can search and view curated results and can see detailed explanation in wikipedia by clicking on the specific result

- Displayed list of search results with HTML list elements with hyperlink as url, styled list using CSS, Bootstrap and improvised responsiveness using Flex properties and CSS Box model.

Technologies used: HTML, CSS, JS, Bootstrap, Rest API calls.

(wikibyashok.ccbp.tech)

Pollution Detection in Vehicles using Embedded Systems (Final Year Project)

Developed a detection system for air pollution in automobiles that senses release of harmful Gases and smoke from the automobile and analyses the risk of pollutants emission into the environment.

- Used the Arduino Uno microcontroller board and interfaced GPS module, GSM module, MQ-2 and MQ-7 sensors and also an LCD with I2C.
- Wrote the Program in Arduino IDE using Embedded C/C++ to control the mechanism.

Technologies used: Embedded C/C++, Relevant modules, AT Commands.