

Adithya P S

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EDUCATION

St Joseph Engineering College

Bachelor of Engineering in Computer Science Engineering and Data Science (9.58 CGPA)

Mangaluru, KA

Aug. 2023 – May 2027

Kendriya Vidyalaya

High School and Higher Secondary School (90.6 Percentage)

Mangaluru, KA

Apr. 2011 – Mar 2023

EXPERIENCE

Web Developer

Apr. 2024 – May 2024

St Joseph Engineering College

Mangaluru, KA

- Designed and implemented a dynamic sliding scroller to display club members' projects in a horizontally scrollable layout, enhancing user engagement and project visibility
- Developed a blog page with a pop-up modal, created a scroll-based project scroller with progress highlights, and fixed UI bugs to improve the club website's usability

Frontend Developer

Feb. 2025 – Mar. 2025

St Joseph Engineering College

Mangaluru, KA

- Built the frontend for the college fest website using React, focusing on a responsive, high-performance design tailored for event showcasing
- Integrated and tested backend connections carefully, ensuring smooth data flow and consistent functionality across all dynamic components

Project Intern

July 2025 – Aug. 2025

National Institute of Technology Karnataka

Mangaluru, KA

- Built and tested a line-following rover integrated with NVIDIA Jetson for onboard processing.
- Utilized a Kinect depth camera to capture 3D environment data and enhance localization.

PROJECTS

Dashy | *Javascript, Node.js, Svelte, Tailwind CSS, Gemini API, Git, Supabase*

Oct. 2024 – Dec. 2024

- Developed a personal dashboard web app for tracking fitness goals, managing chores, and viewing real-time weather, date, and locations
- Built a backend with CORS support and data filtering to enable smooth frontend-database interaction
- Integrated a Windows 95-style desktop simulator to deliver a nostalgic and interactive in-browser experience
- Embedded Gemini API and file storage to enable in-desktop AI chat and easy note/file access

DoorSmash | *React Native, NativeWind CSS, Node.js, MongoDB*

Jan. 2025 – Mar. 2025

- Browse and search a wide range of gaming consoles, accessories, and games using keyword-based search
- Add, view, and manage items for purchase in a dynamic shopping cart and Secure login and registration system for managing user accounts

PyTools | *Python, Rich Text, Pygame, ArgParse*

Aug. 2024 – Sep. 2024

- View and clear command history directly from the terminal
- Convert Markdown files to HTML and customize terminal text color
- Retrieve detailed CPU, memory, and network information

Analysis of Sound | *R, MicroPython, Raspberry Pi*

Apr. 2025 – May 2025

- Conducted an experiment to calculate the speed of sound using the HC-SR04 ultrasonic sensor and time-distance measurements
- Applied statistical methods such as linear regression and correlation to analyze the relationship between variables and improve accuracy

TECHNICAL SKILLS

Languages: Java, Python, C/C++, JavaScript, HTML/CSS, R, C#

Frameworks: React, Node.js, Flask, Tailwind CSS, FastAPI, Svelte, React Native, NativeWind CSS, NextJS

Developer Tools: Git, VS Code, Visual Studio, PyCharm, RStudio, WSL, Postman, Github, Expo, Acternity UI

Libraries: mongoose, argparse, pickle, rich.text

Databases:mySQL, PostgreSQL, MongoDB