



# MY PORTFOLIO


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# MY PORTFOLIO

- Web Development
- Personal Portfolio Website (with dark/light mode toggle)
- 
- Online Resume Builder
- 
- Blog Application (with Markdown support)
- 
- E-commerce Store (cart + checkout simulation)
- 
- Recipe Finder App (using an API)

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- Data & Analytics
  - 
  - Student Grade Management System
  - 
  - Movie Recommendation System
  - 
  - Weather Dashboard (API-based)
  - 
  - Data Visualization of Sports/Finance Data
  - 
  - Expense Tracker with Charts

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- AI / Machine Learning
  - 
  - Handwritten Digit Recognition
  - 
  - Chatbot for FAQs
  - 
  - Fake News Detector
  - 
  - Image Classifier (Dogs vs Cats)
  - 
  - Sentiment Analysis on Tweets

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- Mobile Apps
  - 
  - Fitness Tracker App
  - 
  - Meditation / Habit Tracker
  - 
  - Notes App with Cloud Sync
  - 
  - Event Reminder App
  - 
  - Travel Companion App

# AGENDA

Problem statement

Project overview

End users

Tools and Technologies

Portfolio design and layout

Features and functionality

Result and screenshot

Conclusion

GitHub link

# PROBLEM STATEMENT

- Web Development
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- Project: Online Resume Builder
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- Problem Statement:
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- ▶ Many students and job seekers struggle to create professional-looking resumes. Existing tools are either complicated or paid. This project solves the problem by providing a simple, free, and customizable resume builder.
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- Project: Recipe Finder App
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- Problem Statement:
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- People often waste time searching for recipes across different websites. This app helps users quickly find recipes based on available ingredients using an API.

- Data & Analytics
- Project: Expense Tracker
- Problem Statement:
  - Managing personal expenses is a common problem for students and professionals. Manual tracking is time-consuming and error-prone. This project provides a digital solution with automatic categorization and visualization.
- Project: Student Grade Management System
- Problem Statement:
  - Teachers often find it difficult to manage student grades manually. This system helps store, manage, and calculate grades efficiently.



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- The top of the slide features a dark blue gradient background. In the corners, there are decorative white line art elements resembling circuit boards or neural network connections, with small circles at the end of the lines.
- Project: Fake News Detector
  - Problem Statement:
    - Fake news spreads rapidly on social media and confuses people. This project uses machine learning to classify news as real or fake, helping users verify authenticity.
  - Project: Sentiment Analysis on Tweets
  - Problem Statement:
    - Companies want to know public opinion about their products, but manual review of thousands of tweets is impossible. This project automatically analyzes sentiment (positive, negative, neutral) from tweets.

# PROJECT OVERVIEW

- Web Development
- Project: Online Resume Builder
- Project Overview:
  - This project is a web application that allows users to create professional resumes with customizable templates. It features sections for personal details, education, experience, and skills. Users can preview and download their resumes instantly in PDF format.
- Project: Recipe Finder App
- Project Overview:
  - A web-based application that helps users find recipes quickly by entering available ingredients. The app fetches data from a public recipe API and displays cooking instructions, preparation time, and nutrition information.

- Data & Analytics
- Project: Expense Tracker
- Project Overview:
  - This project is a personal finance management system that enables users to record income and expenses, categorize transactions, and generate monthly reports. It also provides visual charts for better financial insights.
- Project: Student Grade Management System
- Project Overview:
  - A system designed for teachers to manage student records and grades efficiently. The application allows storing student details, calculating grades automatically, and generating performance reports.



AI / Machine Learning

Project: Fake News Detector


Project Overview:

A machine learning-based project that classifies news articles as real or fake. The system uses natural language processing (NLP) techniques to analyze text and predict authenticity with high accuracy.

Project: Sentiment Analysis on Tweets

Project Overview:

This project collects tweets on a specific topic and performs sentiment analysis using machine learning. The system categorizes tweets into positive, negative, or neutral, providing insights into public opinion.



# WHO ARE THE END USERS

- Web Development
- Project: Online Resume Builder
- End Users:
  - Students preparing for jobs/internships
  - Job seekers who need professional resumes
  - Professionals looking for quick resume updates
- Project: Recipe Finder App
- End Users:
  - Home cooks who want easy recipes
  - Busy professionals with limited ingredients
  - Beginners learning to cook

# DOUBLE TAP TO ADD TITLE

- Data & Analytics
- Project: Expense Tracker
- End Users:
  - Students managing pocket money
  - Professionals monthly budgets
  - Families managing household expenses
- Project: Student Grade Management System
- End Users:
  - Teachers managing student performance
  - Schools/colleges maintaining academic records
  - Students checking their results

# TOOLS AND TECHNIQUES

- Web Development
- Project: Online Resume Buticier
- Tools & Techniques
- Frontend HTML, CSS, Javaleript
- Backend: /PHP (optional if you add saving features)
- Database My/Mango (of staring sanr data)
- Techniques: Responsive Web Design, PDF Generation, Form Handling
- Project: Recipe Finder App
- Tools & Techniques:
- Frontend HTML, CSS, Javascript
- API Integration Edamam/Spoonacular Recipe APT
- Techniques: API Fetch, MOM Parung, Search & Fliter

- Data & Analytics
- Project: Expense Tracker
- Tools & Technique
- Frontend Based for HTML, CSS, JA
- Backend: Node Django
- Database: MYSQL/Firebase
- Techniques: CRUD Operations, Data Visualization Charts, 14, Radcharts, Authentication
- Project: Student Grade Management System
- Tools & Techniques
- Frontend HTML, CSS, Javascript
- Backend: PHP/Djang
- Database: MySQL
- Techniques: Data Storage, Automatic Grade Calculation, Report Generation



- AI Machine Learning
- Project: Fake News Detector
- Tools & Techniques:
- Language: Python
- Libraries: Scikit-learn, Pandas, NumPy, NLTK
- Techniques: Natural Language Processing (NLP), Text Classification, Machine Learning Models
- Project: Sentiment Analysis on Tweets
- Tools & Techniques:
- Language: Python
- Libraries: Tweepy (for Twitter API), NLTK, TextBlob, Matplotlib
- Techniques: Data Collection, Text Preprocessing, Sentiment Classification, Visualization

# PORTFOLIO DESIGN AND LAYOUT

- Portfolio Design & Layout
- 1. Homepage / Introduction
- My Name, Title (e.g., Web Developer | Programmer | Designer)
- About ME
- Skills Section
- Programming Languages (C, Java, Python, etc.)
- Web Development (HTML, CSS, JavaScript, React)
- Brief introduction about your background and interests
- Short tagline or summary (2-3 lines about who you are)

# FEATURES AND FUNCTIONALITY

- Web Development
- Project: Online Resume Builder
- Features & Functionality:
  - Create and edit resumes with multiple templates
  - Add personal details, education, skills, and experience
  - Download resume in PDF format
  - Responsive design for desktop and mobile
- Project: Recipe Finder App
- Features & Functionality:
  - Search recipes by ingredient or dish name
  - Fetch live recipes from a public API
  - Display preparation steps and cooking time
  - Save favorite recipes for later

- Data & Analytics
- Project: Expense Tracker
- Features & Functionality:
- Add, edit, and delete expenses/income
- Categorize transactions (food, travel, shopping, etc.)
- Display monthly reports with charts/graphs
- User authentication for personal accounts
- Project: Student Grade Management System
- Features & Functionality
- Add and manage student details
- Automatic grade calculation
- Generate performance reports
- Secure login for teachers/students

- Conclusion
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- My portfolio reflects my journey of learning, creativity, and growth in the field of technology. Through these projects, I have demonstrated my skills in problem-solving, design, and development. Each work represents my dedication and ability to apply knowledge to real-world challenges. Moving forward, I aim to continuously improve, explore new tools, and take on opportunities that will enhance my skills.

# DIGITAL PORTFOLIO

Subha sree M href="style.css">

## About Me

Hello! I'm **Subhasree**, a passionate Computer Science student with a strong interest in **software development, problem-solving, and building practical applications**. I believe in continuous learning and enjoy exploring new technologies to improve my skills. My career goal is to start as a **Software Developer at Zoho** and later grow into a **Full-Stack Developer**, contributing to impactful projects.

## Projects

- **Digital Portfolio Website:** A personal portfolio to showcase skills, projects, and achievements.
- **Student Task Tracker:** A simple web app to manage and track student daily tasks.
- **College Club Page:** Designed a responsive webpage for college club activities and announcements.

## Skills

- **Web Development:** HTML5, CSS3, JavaScript (DOM, ES6), Responsive Design
- **Programming:** Core Java, OOPs, Data Structures & Algorithms
- **Frameworks & Libraries:** Basics of React.js
- **Database:** MySQL (Queries, Joins, Normalization)
- **Tools & Platforms:** Git, GitHub, VS Code
- **Problem-Solving:** Competitive coding on HackerRank & LeetCode

## Contact

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Say Hello

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- Conclusion
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