

BIMALA VENU MADHAV



[GitHub-BIMALA-venu-madhav](#)



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EDUCATION

Annamacharya Institute of technology & Science

BTech(Currently) : CSE(Data Science) : GPA - 7.77

Tirupati,Andhra Pradesh

2022 - 2026

Sri Chaitanya junior college

MPC : GPA - 8.8

Tirupati,Andhra Pradesh

2020 - 2022

Keshava Reddy High School

SSC : GPA - 9.5

Tirupati,Andhra Pradesh

2020

SKILLS

- **Language** : Java , Python , C , Javascript , SQL
- **Web Development**: HTML , CSS , React js, Node js, MongoDB
- **Tools** :Excel , PowerPoint , MySQL
- **Platforms** : Visual Studio Code , Jupyter Notebook , Git & GitHub , Vercel, Render , Postman

WORK EXPERIENCE

SmartBridge Educational Services Pvt. Ltd | MERN Intern (Virtual)

June 2025 – August 2025

- Completed a certified online internship in **Full Stack Development** using the **MERN stack** (MongoDB, Express.js, React.js, Node.js), in collaboration with **APSCHE** and **JNTUA**.
- Developed **ShopSmart**, a full-stack grocery store platform for product search and digital cart management.
- Integrated a product catalog API to fetch and display grocery item details in real-time.
- Created user login and registration features.
- Enabled admins to add products manually and users to save favorites.
- Used **MongoDB** for database operations and **React.js** for a responsive frontend.
- Learned project planning, version control using **Git**, and Agile methodologies under mentor guidance.
- Earned official certification under the **APSCHE** Internship Initiative.

Skillforge E-Learning Solutions Pvt. Ltd | Web Development Intern

June 2025 – August 2025

- Completed a certified **Web Development** internship under **APSCHE** & **JNTUA**.
- Built two key projects:
 - **Minor**: Real-time **Weather App** with API integration.
 - **Major**: Login Page using GET and POST methods
 - Created an **HTML & CSS login form**.
 - Used **Express.js** to set up **GET routes** for site navigation.
 - Implemented a **POST route** to process form input data using **body-parser**.
- **Tech Stack**: **Node.js**, **Express.js**, **Body-parser**, **HTML**, **CSS** and **Git**; followed Agile practices.
- Earned official certification through the **APSCHE** Internship Initiative.

PROJECTS

Personal Portfolio Website:

Reactjs, Tailwindcss, Vercel

- Developed a responsive and visually appealing personal portfolio website using React.js.
- Showcased projects, technical skills, and experience with a clean, structured layout.
- Applied Tailwind CSS for modern styling and an engaging, user-friendly design.
- Hosted live on Vercel: [View Portfolio](#)

Dog Breed Classification :

Flask , TensorFlow , SQLite , Hugging Face

- Built a deep learning-based web application for dog breed image classification.
- Utilized transfer learning with MobileNetV2 to improve prediction accuracy.
- Designed a secure authentication system with protected routes.
- Deployed the application on Hugging Face. [**View DogBreedClassifier**](#)

ShopSmart :

MERN Stack (MongoDB, Express.js, React.js, Node.js), Tailwind CSS, Vercel/Render

- Built a full-stack grocery web application for browsing and managing products.
- Implemented secure user login and registration.
- Admins can add new products; users can save favorites to their personal collection.
- Designed a responsive and intuitive UI using React.js and Tailwind CSS.
- Deployed frontend on Vercel and backend on Render with Git-based version control and CI/CD integration. [**ShopSmart Frontend**](#)

Weather Forecast Web Application :

MERN Stack (MongoDB, Express.js, React.js, Node.js), Tailwind CSS, Vercel/Render

- Built a full-stack weather web application for viewing real-time weather data and forecasts.
- Integrated the OpenWeather API to fetch dynamic weather information based on user location or search queries.
- Users can save favorite locations to their personal weather watchlist for quick access.
- Deployed the frontend on Vercel. [**View WeatherApp**](#)

CERTIFICATES

JavaScript Foundations Professional Certificate by Mozilla (LinkedIn)

March 2025

- Gained a solid understanding of JavaScript fundamentals including variables, functions, loops, and objects.
- [**View Certificate**](#)

Full Stack Development (MERN) Internship Certificate by SmartBridge

August 2025

- Completed hands-on training in building full stack web applications using MongoDB, Express.js, React.js, and Node.js.
- [**View Certificate**](#)

Web Development Internship Certificate by SkillForge

August 2025

- Completed hands-on training in building full stack web applications using MongoDB, Express.js, React.js, and Node.js.
- [**View Certificate**](#)

SQL Programming Certificate (LinkedIn)

March 2025

- Gained practical experience in SQL queries, database management, and data analysis.
- [**View Certificate**](#)

Java Programming (edX)

March 2024

- Learned core Java programming concepts including object-oriented programming, control structures, arrays, and exception handling.
- [**View Certificate**](#)