

HARISH ANCULGARI

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PERSONAL SUMMARY

Motivated and results-driven Data Science graduate with a strong interest in Artificial Intelligence, Machine Learning, and Full-Stack Web Development. Proficient in Python and Java, with practical experience in data structures, algorithms, and debugging. Skilled in building responsive and high performance web applications using the MERN stack, with a focus on delivering smooth and intuitive user experiences (UI/UX).

EDUCATION

Bachelor of Technology in Data Science

Malla Reddy College of Engineering and Technology (MRCET), Hyderabad

Oct 2022 – May 2025

Diploma in Electrical and Electronics Engineering (EEE)

Govt. Polytechnic Medchal College, Hyderabad

July 2019 – May 2022

Secondary School Certificate

Martinet High School, Hyderabad

May 2018 – May 2019

CERTIFICATIONS

- AI for Beginners - HP LIFE
 - Data Science & Analytics - HP LIFE
 - Introduction to Cybersecurity Awareness
 - Relational Database Management System (RDBMS)
 - Wadhwani Foundation Certificate
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TECHNICAL SKILLS

Web Technologies: HTML, CSS, JavaScript, TypeScript, ReactJS, Next.js 15 (App Router), Bootstrap, Tailwind CSS, Node.js, Express.js, MongoDB, REST APIs, JWT, Cloudinary, Axios, CORS, React Hook Form, File Upload, Environment Variables, Responsive Design

Frameworks & Libraries: MERN Stack, NextAuth.js, React Router, Context API, Mongoose, Multer, Dotenv, React Hot Toast, Lottie, Framer Motion

Programming Languages: TypeScript, Python, JavaScript, Java

Backend Concepts: MVC Architecture, RESTful Routing, Middleware, Token-based Authentication, Error Handling, Database Modeling, Protected Routes, Session Management

DevOps & Platforms: Git, GitHub, Postman, Thunder Client, Railway, Render, Vercel, Chrome DevTools, Nodemon, CI/CD Basics, Proxy Setup

Visualization & Tools: MS Office (Excel, PowerPoint, Word), Adobe Photoshop, Canva, Video Editing

AI/ML: Deep Learning, Neural Networks

INTERNSHIP EXPERIENCE

Mega Blog App – Blogging Platform | React + Appwrite

Front End Developer – Self-Initiated Internship

January 2025–April 2025

Live: [Blog App](#)

GitHub: [Repo](#)

- Created a Blog app with post CRUD, image upload, authentication, Appwrite backend, and rich UI.

Portfolio Website – Personal Portfolio | React + Tailwind CSS

Frontend Developer – Self-Initiated Internship

April 2025 – May 2025

GitHub: [Portfolio Repo](#)

- Designed and engineered a fully responsive portfolio website using React and Tailwind CSS, enhancing mobile and desktop UX across 100% of screen sizes.
- Applied smooth scroll navigation and animated transitions using Framer Motion to improve user flow and engagement.
- Showcased 5+ major projects, resume, and contact links, improving professional visibility and GitHub profile reach.

PROJECTS

AuthProfile – Next.js Full-Stack App | Type Script + NextAuth + MongoDB

Deployed: [Frontend](#)

GitHub: [Code Repo](#)

- Built a complete authentication and user management system with signup, login, logout, and secure session handling using Next.js 15 and NextAuth.
- Implemented profile page with editable user details, enabling users to update name and profile picture using protected routes and middleware.
- Integrated MongoDB + Mongoose for user storage, bcryptjs for password hashing, and Tailwind CSS for fast, responsive UI design.
- Added Google OAuth, form validation, error handling, and session-based redirects for a smooth and secure user experience.

CloneTube – YouTube Clone | MERN Stack

Deployed: [Frontend](#) | [Backend](#)

GitHub: [Frontend Repo](#) | [Backend Repo](#)

- Developed a full-stack video-sharing platform with upload, like, dislike, comment, subscriptions, playlist, and watch history.

- Established JWT-based cookie authentication, Cloudinary for media uploads, Tailwind CSS UI, Dark Mode, and Analytics Dashboard.

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Heart Disease Prediction Using Bio-Inspired Algorithms

- Used Genetic Algorithm, BAT, and ABC to improve accuracy over traditional ML techniques.
- Implemented modules for file upload, model training, and predictions.

Diabetic Retinopathy Detection Using CNN

- Built a DCNN model for early diagnosis using retinal images.
- Trained model on medical datasets with visual analytics output.

Image Forgery Detection Using Deep Learning

- Built CNN + LBP model to detect forged vs real images from datasets.

Voice Assistant Using Python

- Designed an NLP based assistant to fetch web data, open apps, and answer queries.
- Improved voice response accuracy by 30%.

SOFT SKILLS

- Analytical & Research Thinking
- Communication & Client Handling
- Leadership & Team Collaboration
- Time Management & Planning
- Critical Thinking & Problem Solving