

# MANASA H K

Bengaluru, Karnataka

+91-7483976862 | [manasahk736@gmail.com](mailto:manasahk736@gmail.com) | [LinkedIn](#) | [PortFolio](#) | [GitHub](#)

## PROFILE SUMMARY

Third-year B.Tech (CSE) student at RV University specialising in AI & ML with experience in full-stack development, cloud systems, and machine learning. Built and deployed web apps using Flask, SQLite3, and Render. Developed an autism detection ML model with 90% accuracy. Proficient in C, Java, SQL, and Agile development. Actively seeking software development internships to apply and grow my technical skills.

## EDUCATION

Bachelor of Technology (Hons.) in Computer Science and Engineering, RV University

📅 08/2023 - Present 📍 Bengaluru

GPA – 9.0 | Expected Graduation: 2027

## EXPERIENCE

RV University - Cloud Computing & GenAI Intern

06/2024 – 11/2024

- Completed an 8-week internship focused on AWS and Generative AI, building a cloud-based University Management System
- Enhanced skills through MOOCs in Generative AI, Web Development, and AWS, gaining hands-on experience in full-stack and cloud technologies

Lipon Groups - Cloud Computing & GenAI Intern

06/2025 – 07/2025

- Built AuctionVerse, a full-stack auction platform for 100+ campus users with item listings, bidding, and admin approval using React, Python Flask, and MongoDB
- Delivered 10+ features in 7 weeks as part of a 11-member team, using Git, Agile sprints, and daily stand-ups for smooth collaboration

## PROJECTS

1. Cloud-based File Storage System

Team of 3 | Stack: Python, Flask, SQLite3, HTML/CSS, Bootstrap, Render

- Developed and deployed a full-stack cloud storage app using Flask and SQLite3 for 100 users, with Git-based updates and scalable design for future S3/Firebase integration

2. Recipe Recommendation System

Team of 3 | Stack: MySQL, Python, Flask, HTML/CSS

- Built a recipe recommendation app using SQL JOIN and LIKE, with a Flask-based user-friendly interface that boosted user retention by 20% over 3 months

3. Autism Detection Interface

Team of 3 | Stack: Python, Machine Learning, Pandas, Scikit-learn, Flask

- Trained and evaluated 4 ML models (incl. Random Forest & Decision Tree) on behavioral data from 804 samples, achieving 90.2% accuracy with preprocessing, encoding, and feature selection

## SKILLS

Languages: C, Java, Python; Methodologies: Agile, Scrum

Databases: SQLite3, MySQL, MongoDB

Web Technologies: HTML, CSS, Flask, React.js, JavaScript

Concepts: Cloud, DBMS, Data Analysis, Big Data, DSA, OOP

Tools & Platforms: Git, GitHub, Render, Figma, VS Code, Canva

Soft Skills: Time Management, Collaboration, Adaptability, Resilience, Creativity

## CERTIFICATIONS

1. AWS Cloud Practitioner Essentials - Amazon Web Services (AWS) | [CERTIFICATE](#)
2. Git and GitHub for Beginners – IBM SkillsBuild | [CERTIFICATE](#)
3. Data Analytics and Visualization Job Simulation – Accenture (Forage) | [CERTIFICATE](#)
4. Big Data 101 – IBM SkillsBuild | [CERTIFICATE](#)
5. #IAmFutureReady workshop by Infosys Foundation, Hyderabad | [CERTIFICATE](#)