

# RATHOD ANKITHA

+91 86887 95077 | rathodankitha7@gmail.com | Portfolio

## CAREER OBJECTIVE

A motivated and adaptable individual with a strong desire for continuous learning and a knack for problem-solving. Eager to apply my knowledge and creativity to contribute meaningfully in a professional setting while growing into a role that adds value to the organization.

- **Link Tree** : Ankitha Rathod

## EDUCATION

• <b>Vidya Jyothi Institute of Technology, Hyderabad</b> <i>B.Tech in Artificial Intelligence and Data Science</i>	2022-2026 CGPA:7.28/10
• <b>Sahithi Junior College, Narayankhed</b> <i>TS Board of Intermediate in MPC</i>	2020-2022 Percentage: 80.3
• <b>Gayathri Vidyalayam High School, Narayankhed</b> <i>TS Board of Secondary Education</i>	2020 GPA:9.8/10

## TECHNICAL SKILLS

- **Programming Languages**: JAVA, SQL
- **Web Technologies**: HTML, CSS, JavaScript, UI/UX Design
- **Core Skills**: Data Structures & Algorithms
- **Database Systems**: DBMS, MySql
- **Data Visualization**: Power BI, Excel, Word, PPT
- **Cloud Computing**: AWS
- **Tools**: Figma, Canva, VS Code, GitHub

## TECHNICAL SUMMARY

### Programming Languages:

- Proficient in **Java**, enabling development of object-oriented applications with a strong grasp of core programming concepts. Skilled in **SQL** for querying, manipulating, and managing relational databases effectively.

### Technologies:

- Experienced in building responsive and interactive web pages using **HTML**, **CSS**, and **JavaScript**. Knowledge of **Node.js** allows for backend development and server-side scripting, supporting full-stack web application development.
- Skilled in **user-centered design** using Design Thinking and User Research.
- Experienced in **usability testing** and **responsive design**, with the ability to create intuitive, accessible, and visually appealing interfaces.
- Familiar with **DBMS** concepts and experienced in **MySQL** for designing schemas, writing queries, and performing CRUD operations.
- Skilled in **Power BI** for creating visual dashboards and reports; proficient in **Excel** and Word for data analysis and documentation.
- Proficient in **Figma** and **Canva** for wireframing and prototyping.
- Familiar with core **AWS** services for cloud-based application deployment and infrastructure management.
- Proficient in **Visual Studio Code** (VS Code) for code editing and debugging. Comfortable using **Git** for version control, code collaboration, and project tracking.

## PERSONALITY TRAITS

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- **Growth Mindset** - Always open to learning and improving through feedback
- **Problem Solving Orientation** - Approach challenges with structured solutions
- **Collaboration & Remote Teamwork** - Experience working in hybrid/online teams
- **Time Management** - Ability to meet deadlines under pressure
- **Adaptability** - Comfortable with change and learning new technologies quickly
- **Digital Fluency** - Familiar with tools, platforms, and workflows in modern tech environments

## PROJECTS

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<b>Traffic Management for Emergency vehicle Priority Based On Visual Sensing</b>	May 2025
<b>Role Played:</b> Team Leader	<b>Language/FW:</b> Python, PyTorch
<ul style="list-style-type: none"><li>• Provides a smart solution for prioritizing emergency vehicles using visual sensing and real-time traffic control.</li><li>• Implements distance measurement to detect approaching emergency vehicles</li><li>• Uses the PE-MAC protocol to reduce communication delays.</li><li>• Sends real-time updates to the Traffic Management Center for faster response</li><li>• Demonstrates improved performance in simulations compared to traditional systems.</li><li>• Aims to save lives by enabling quicker emergency vehicle movement through traffic.</li></ul>	
<b>Skin Disease Detection Using Machine Learning</b>	July 2024
<b>Role Played:</b> Team Leader	<b>Language/Technologies:</b> Python, HTML/CSS+JS, SQL
<ul style="list-style-type: none"><li>• Develop a machine learning-based system for detecting and classifying skin diseases.</li><li>• Utilize image processing techniques to enhance and prepare input images.</li><li>• Apply deep learning algorithms (e.g, CNNs) for feature extraction and classification.</li><li>• Enable automated analysis of skin conditions from images.</li><li>• Aim for accurate and efficient detection to support early diagnosis.</li></ul>	

## INTERNSHIP

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<b>Software Developer Engineer</b>	May 2025 - July 2025
<b>Role:</b> Team Member	<b>Company:</b> Bluestock FinTech, Pune, Maharashtra
<ul style="list-style-type: none"><li>• Project Name: IPO Web Application &amp; REST API Development</li><li>• Contributed to the development of an IPO management web application with a focus on frontend and backend integration.</li><li>• Built and tested RESTful APIs to support dynamic data exchange between frontend and backend systems.</li><li>• Collaborated with team members using Git for version control and Agile methodology for task management.</li><li>• Participated in code reviews, debugging, and optimizing application performance for better user experience.</li><li>• Used technologies such as HTML, CSS, JavaScript, Node.js, and SQL during development.</li></ul>	

## TRAININGS ATTENDED

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<b>SMART INTERVIEWS - DATA STRUCTURES AND ALGORITHM PROGRAM(February 2025)</b>
<ul style="list-style-type: none"><li>• Learned advanced problem-solving techniques in <b>DSA</b>, system design basics, and participated in mock technical contests. Topics covered: <b>Arrays, Trees, Graphs, Dynamic Programming</b>, and more.</li><li>• Solved 200+ curated coding problems and implemented problems in Java</li></ul>

## PUBLICATIONS

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[R] Rathod Ankitha,(2024). Skin Disease Detection using Machine Learning.  
Immortal Publications, Hyderabad, 2024.  
ISBN : 978-92-341-0007-5

## CERTIFICATIONS

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•Certified in UI/UX for Beginners by Simplilearn SkillUp	26 May 2025
•Certified in Responsive Web Design by Free Code Camp	07 March 2025
•Certified in Software Development Engineer at Bluestock Fintech	30 June 2025
•Certified in DBMS Course by Scaler	30 October 2023
•Certified Programming Essentials in Python (PCAP) by Cisco	17 July 2023
•Certified Programming Essentials in C (CLA) by Cisco	10 July 2023

## PERSONAL DETAILS

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- **Father's Name** : Rathod Prem Singh
- **Mother's Name** : Rathod Sakku Bai
- **Date Of Birth** : 09 May 2005
- **Nationality** : Indian
- **Hobbies** : Dancing, Cooking
- **Languages Known** : English, Hindi, Telugu
- **Permanent Address**: 1-04 Kondapur Mitya Nayak Thanda, Narayankhed-502286, Sangareddy, Telangana.

## DECLARATION

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I hereby declare that the above provided information are true and correct to the best of my knowledge and belief.

Place:  
Date:

Signature:  
(RATHOD ANKITHA)