RATHOD ANKITHA

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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.

EDUCATION

•**Vidya Jyothi Institute of Technology, Hyderabad**   2022-2026
B.Tech in Artificial Intelligence and Data Science   *CGPA:7.28/10*

•**Sahithi Junior College, Narayankhed**   2020-2022
TS Board of Intermediate in MPC   *Percentage: 80.3*

•**Gayathri Vidyalayam High School, Narayankhed**   2020
TS Board of Secondary Education   *GPA:9.8/10*

TECHNICAL SKILLS

• **Programming Languages**: JAVA, SQL

• **Web Technologies**: HTML, CSS, JavaScript, Node.JS

• **Core Skills**: Data Structures & Algoriths

• **Database Systems**: DBMS, MySql

• **Data Visualization**: Power BI, Excel, Word, PPT

• **Cloud Computing:** AWS

• **Tools**: VS Code, Git

PERSONALITY TRAITS

• **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** - Familar with tools, platforms, and workflows in modren tech environments

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.

• Familiar with **DBMS** concepts for organizing and managing data efficiently. Practical experience with **MySQL** for designing relational database schemas, writing queries, and performing CRUD operations.

- Skilled in using **Power BI** to transform raw data into meaningful visual reports and dashboards, aiding in data-driven decision-making and business intelligence.Proficient in **Excel, Word**, for reporting and documentation.

- 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.

PROJECTS

Traffic Management for Emergency vehicle Priority Based On Visual Sensing   MAR 2025 - MAY 2025
Role Played: Team Leader   *Language/FW: Python, Py torch*
- Provides a smart solution for prioritizing emergency vehicles using visual sensing and real-time traffic control.
- Implements distance measurement to detect approaching emergency vehicles
- Uses the PE-MAC protocol to reduce communication delays.
- Sends real-time updates to the Traffic Management Center for faster response
- Demonstrates improved performance in simulations compared to traditional systems.
- Aims to save lives by enabling quicker emergency vehicle movement through traffic.

Skin Disease Detection Using Machine Learning   JULY 2024
Role Played: Team Leader   *Language/Technologies: Python, HTML/CSS+JS, SQL*
- Develop a machine learning-based system for detecting and classifying skin diseases.
- Utilize image processing techniques to enhance and prepare input images.
- Apply deep learning algorithms (e.g.CNNs) for feature extraction and classification.
- Enable automated analysis of skin conditions from images.
- Aim for accurate and efficient detection to support early diagnosis.

INTERNSHIP

SoftWare Developer Engineer   MAY 2025 – JULY 2025
Role: Team Member   *Company: Bluestock FinTech, Pune, Maharashtra*
- Project Name: IPO Web Application & REST API Development
- Contributed to the development of an IPO management web application with a focus on frontend and backend integration.
- Built and tested RESTful APIs to support dynamic data exchange between frontend and backend systems.
- Collaborated with team members using Git for version control and Agile methodology for task management.
- Participated in code reviews, debugging, and optimizing application performance for better user experience.
- Used technologies such as HTML, CSS, JavaScript, Node.js, and SQL during development.

TRAINING ATTENDED

SMART INTERVIEWS-DATA STRUCTURES AND ALGORITHM PROGRAM(FEB 2025 - PRESENT)

- Learned advanced problem-solving techniques in **DSA**, system design basics, and participated in mock technical contests. Topics covered: **Arrays, Trees, Graphs, Dynamic Programming**, and more.

- Solved 200+ curated coding problems and implemented problems in Java

ACHIEVEMENTS

- Selected as Software Developer Enjineer at Bluestock Fintech

- Completed Smart Interviews DSA Training, solved 200+ problems

- Winner in Kho Kho & Kabaddi at sports meet in Vidya Jyothi Institute Of Technology,2023

- Built a Skin Disease Detection System using machine learning

PUBLICATIONS

[R] Rathod Ankitha,(2024). Skin Disease Detection using Machine Learning.

Research paper published in Immortal Publications 2024, Hyderabad.

ISBN: 978-92-341-0007-5

CERTIFICATIONS

•**Responsive Web Design** - Free Code Camp	07-MARCH-2025
•**DBMS COURSE** - By Scaler	30-OCTOBER-2023
•**PCAP:** Programming Essentials in Python - Cisco Networking Academy	17-JULY-2023
•**CLA:** Programming Essentials in C - Cisco Networking Academy	10-JULY-2023

PERSONAL DETAILS

- **Father Name :** Rathod Premsingh
- **Mother Name :** Rathod Sakku Bai
- **Date Of Birth :** 09-05-2005
- **Nationality :** Indian
- **Hobbies :** Dancing, Cooking
- **Languages Known :** English, Hindi, Telugu
- **Permanent Address:** 1-04 Kondapur Mitya Nayak Thanda, Narayankhed-502286, Sangareddy, Telangana.

DECLARATION

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

Place: **Signature:**

Date: **(RATHOD ANKITHA)**