



SURIYA RAM S

SUMMARY

Detail-oriented B.Tech Information Technology student with hands-on experience in full stack development, skilled in building scalable, high-performance applications. Proficient in UI/UX design, frontend, and backend development, with expertise in Java, Python, HTML, CSS, and React.js. Experienced in full-stack development, with a focus on AI-based algorithms and database management. Adept at working collaboratively in agile environments, with strong problem-solving skills and a commitment to innovation and continuous learning. Seeking a creative role to leverage design and technical skills to drive user engagement and brand success.

CONTACT

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EDUCATION

- KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY** 2021-2025
B.Tech Information Technology - 7.6
- VINAYAKAR MATRICULATION HIGHER SECONDARY SCHOOL** 2021
HSC - 88.9%
- VINAYAKAR MATRICULATION HIGHER SECONDARY SCHOOL** 2019
SSLC - 87.2%

CERTIFICATIONS

- DATABASE FUNDAMENTALS: DATABASE CONCEPTS**
Infosys Sprinboard
- GOOGLE UX DESIGN PROFESSIONAL CERTIFICATE**
Coursera
- PCAP: PROGRAMMING ESSENTIALS IN PYTHON**
Cisco Networking Academy
- WEB DEVELOPMENT USING JSP AND WEB SERVICES**
Silicon Software Services

TECHNICAL SKILLS

- Programming Languages:** Java, Python, C, JavaScript, Golang
- Web Technologies:** HTML, CSS, React.js, Bootstrap
- Database Management:** SQL, MongoDB, MySql
- Tools:** Visual Studio Code, JIRA, Github
- Methodologies:** Agile, SDLC

SOFT SKILLS

- Leadership
- Communication
- Problem-Solving
- Teamwork
- Adaptability

INTERNSHIP EXPERIENCE

PRIGA SOLUTIONS SEP 2023 - SEP 2024

- Collaborated with cross-functional teams to design and develop user-focused digital assets for grocery packing and booking portals, ensuring seamless functionality and intuitive user interfaces.
- Enhanced usability and accessibility by adhering to engineering standards and implementing best practices in web development.

PROJECTS

PLANT DISEASE IDENTIFICATION MOBILE APPLICATION

Tech Stack: Flutter, TensorFlow Lite, Python

Developed a mobile app to identify plant diseases using a CNN model trained on TensorFlow, integrating image upload and capture features, with real-time disease detection.

AI-POWERED TRAVEL ITINERARY PLANNER

Tech Stack: React.js, Node.js, MongoDB, Python

A smart travel planner that uses AI, collaborative filtering, content filtering, and APIs like Google Places and OpenRouter to generate personalized itineraries.

ONLINE BANKING MANAGEMENT SYSTEM

Tech Stack: My SQL

Developed an Online Banking Management System that allows users to manage their accounts, transfer funds, pay bills, and view transaction histories.

PUBLICATIONS

COTTONGUARD: REVOLUTIONIZING AGRICULTURE WITH SMART DISEASE MANAGEMENT FOR ENHANCED PRODUCTIVITY AND SUSTAINABILITY

Published at International Research Journal on Advanced Engineering Hub.

SMART AND DYNAMIC AI-POWERED TRAVEL PLANNING: A MACHINE LEARNING APPROACH FOR PERSONALIZED AND REAL-TIME ITINERARY GENERATION

Published at International Research Journal on Advanced Engineering Hub.