SURIYA RAM S

SUMMARY

Detail-oriented B.Tech Information Technology student with hands-on experience in frontend and backend development. Adept at using Java, SQL, and web technologies, UI UX designing to build scalable and efficient applications. Proven ability to work collaboratively in agile environments, manage project tasks, and deliver high-quality solutions. Strong problem-solving skills, with a commitment to continuous learning and adapting to new technologies. Seeking a challenging role to leverage technical skills and contribute to innovative projects.

CONTACT

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EDUCATION

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY 2021-2025
B.Tech Information Technology - **7.65**

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.*
- **Frontend:** *AngularJS, React.js, Flutter, HTML, CSS, JavaScript, Bootstrap.*
- **Back-End**: *Node.js, Express.js, REST APIs.*
- **Database:** *MongoDB, PostgreSQL, MySQL, Firebase.*
- **Tools:** *Git, Linux, Visual Studio Code, JIRA*

LEADERSHIP ACTIVITIES

- **Class Representative**
- **IV Coordinator**
- **Hackathon Team Leader**
- **Project Team Leader**

INTERNSHIP EXPERIENCE

PRIGA SOLUTIONS

Collaborated with the development team to build a grocery pack website and flight,hotel booking portals, ensuring adherence to engineering standards.

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 (IRJAEH).

EXTRACURRICULAR ACTIVITIES

- Submitted Idea at YA Agri Conference.
- Participated in Inter College level Symposiums.

ACHIEVEMENTS

- Zonal Level Winner and District Level Runner in U17 ThrowBall.
- Won I prize in Thinkathon - Idea Contest at Intra College Level.