SINCHANA G S

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OBJECTIVE

I am an aspiring Software Engineer with basic skills in Python, Java, C, Full-Stack Development, IoT,Data Analytics, Artificial Intelligence, and Machine Learning. Seeking opportunities across diverse technology fields to apply technical expertise, problem-solving abilities, and creativity to develop innovative, scalable, and impactful solutions.

EDUCATION

Bachelor of Engineering (B.E.), Jain Institute of Technology, Davangere — **Expected: 2026**
Major: Computer Science and Engineering — **CGPA: 8.61**

Pre-University Course (PUC), ST Johns PU College, Davangere — 2022
Stream: PCMB (Physics, Chemistry, Mathematics, Biology) — **81.83%**

SSLC, Sri Someshwara English Medium High School, Gonivada, Davangere — 2020
Board: KSEEB — **96%**

SKILLS

- **Programming Languages:** C, Python, Java, JavaScript, PHP
- **Web Technologies:** HTML5, CSS3, Bootstrap,React.js
- **Databases:** MySQL, MongoDB
- **Core Concepts:** Data Structures, OOP, DBMS, AIML
- **Office Tools:** MS Word, Excel, PowerPoint
- **Soft Skills:** Communication, Teamwork, Time Management, Problem Solving

PROJECTS

- **Votex: AI-Enhanced Next-Gen Blockchain Voting with Face Recognition Authentication(2025)**Developed a secure blockchain-based voting system with triple authentication (password, face, OTP), AI monitoring, multilingual support, and real-time fraud detection using Flask, dlib, and Twilio.
- **Civix Digital Democracy Platform (2025):** Developing a full-stack civic engagement app with Node.js, Express.js, MongoDB, and React, featuring secure authentication, CRUD petitions, and role-based APIs.
- **Restaurant Intelligence System (2025):** Built ML models for restaurant rating prediction, cuisine classification, and personalized recommendations using Python and Scikit-learn. Applied data preprocessing, feature engineering, and performance evaluation techniques.
- **Emotion Responsive Music Player using EEG Signals (2024):** Developed a music recommendation system using **CNN, RNN, EEG signal analysis, and Machine Learning**. Implemented real-time signal processing and improved model accuracy through data preprocessing.
- **PG Life Web Application (2024):** Built a **responsive full-stack website** using **HTML, CSS, Bootstrap** for PG accommodations. Implemented user authentication and enhanced UI/UX for seamless navigation.
- **Bus Booking Management System (2023):** Developed an interactive web application using **HTML, CSS, JavaScript** with booking and seat-selection features. Optimized user experience through input validation and responsive design.

EXPERIENCE

- **Cognifyz Technologies (Sep 2025 – Oct 2025):** Completed a machine learning internship focused on developing models for restaurant rating prediction, cuisine classification, and personalized recommendations using Python and Scikit-learn. Applied data preprocessing, feature engineering, and model evaluation techniques to extract insights and improve prediction accuracy.

- **Virtual Internship 6.0 – Infosys Springboard (Sep 2025 – Present):** Currently developing a full-stack web application using Angular, Node.js, and MongoDB to support civic engagement through digital petitions. Working on features like user authentication, petition management, and a responsive UI as part of an ongoing virtual internship with mentor guidance

CERTIFICATIONS

- **Infosys Springboard (2024):** Artificial Intelligence Primer, Database Management System, Python Foundation
- **Deloitte Forage (2024):** Data Analytics Virtual Job Simulation
- **NPTEL (IITs, 2023–2024):** Joy of Computing Using Python (IIT Madras), Programming in Java (IIT Kharagpur)
- **Internshala Trainings (Skill India & NSDC, 2023):** Web Development
- **Infosys – Pragati Path to Future Cohort 3 (2025):** 4-day training on communication, assertiveness, presentation, and interpersonal skills

PUBLICATION

Sinchana G S, "Emotion Responsive Music Player Using EEG Signals Through NeuroSky Headset," *International Journal of Progressive Research in Engineering Management and Science (IJPREMS)*, Vol. 5, Issue 3, March 2025. [Paper ID: IJPREMS50300036032]

EXTRA-CURRICULAR ACTIVITIES

- Secured 2nd place in "Stacksphere – A State Level Mini Project Exhibition," Jain Institute of Technology, Davangere
- Finalist, Inceptrix Hackathon 2025, Jain University – FET | Theme: "Shaping tomorrow's world through intelligent innovation"