

# SINCHANA G S

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## OBJECTIVE

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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

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<b>Bachelor of Engineering (B.E.)</b> , Jain Institute of Technology, Davangere	<b>Expected: 2026</b>
Major: Computer Science and Engineering	<b>CGPA: 8.61</b>
<b>Pre-University Course (PUC)</b> , ST Johns PU College, Davangere	2022
Stream: PCMB (Physics, Chemistry, Mathematics, Biology)	<b>81.83%</b>
<b>SSLC</b> , Sri Someshwara English Medium High School, Gonivada, Davangere	2020
Board: KSEEB	<b>96%</b>

## SKILLS

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| • <b>Programming Languages:</b> C, Python, Java, JavaScript, PHP | • <b>Core Concepts:</b> Data Structures, OOP, DBMS                              |
| • <b>Web Technologies:</b> HTML5, CSS3, Bootstrap, .js           | • <b>Office Tools:</b> MS Word, Excel, PowerPoint                               |
| • <b>Databases:</b> MySQL, MongoDB                               | • <b>Soft Skills:</b> Communication, Teamwork, Time Management, Problem Solving |

## PROJECTS

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- **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.
- **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.
- **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.

## EXPERIENCE

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- **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

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- **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

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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

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- Secured 2<sup>nd</sup> place in “Stacksphere – A State Level Mini Project Exhibition,” Jain Institute of Technology, Davangere
- Finalist, Incepatrix Hackathon 2025, Jain University – FET | Theme: “Shaping tomorrow’s world through intelligent innovation”