



Sinchana Naik

Student | Computer Science and Engineering

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Github: <https://github.com/naiksinchana00-bot>

Summary

Passionate and self-driven Computer Science and Engineering student with a strong academic background and hands-on experience in Programming languages, Web developments, Software development, and emerging technologies. Proficient in C, Python, Java and web development technologies such as HTML, CSS, and Javascript. Adept at understanding algorithms, data structures and object-oriented programming, and database management.

Possesses excellent analytical, teamwork, and communication skills with a strong interest in fields like Artificial Intelligence, Machine Learning, and Data Science. Demonstrated ability to work on academic projects and participate in hackathons, showcasing leadership, problem-solving, and adaptability. Highly motivated to continuously learn new technologies and contribute to impactful software solutions that enhance user experience and promote innovation in the tech industry.

EDUCATION

Mangalore Institute Of technology & Engineering

Bachelor of Engineering – Computer Science; CGPA: 6.84

Excellent PU College,

12th grade; Percentile: 84%

Sacred Heart English Medium School, Bajagoli, Karkala

10th grade; Percentile: 86.40%

Moodabidiri, India

October 2023 – Present

Kundapura, India

2021 – 2023

Karkala, India

2021

SKILLS SUMMARY

- Programming languages: C, Python, Java
- Web development: HTML, CSS, Javascript
- Software Development Concepts: Data structure and Algorithms, Object oriented programming
- Emerging technologies: Basics of Artificial intelligence and machine learning, Internet of things(IoT)

INTERNSHIP

Future Interns – Full stack web development

- Job Title: Full Stack Web Development Intern
- Company: Future Interns
- Dates: September 9, 2025 – October 9, 2025 (1 month)
- Focus on Skills & Tools: Detail the specific technologies you used.
- Focus on Projects & Outcomes: Describe the practical application of concepts..
- Focus on Learning & Collaboration: Mention the structure and environment.
- Focus on Deliverables: Highlight the proof of your work.

PROJECTS

- **Mini Project:Light Chaser using Arduino**

Developed an LED light chaser circuit using Arduino Uno to create sequential lighting effects.

Programmed the Arduino to control multiple LEDs in patterns resembling chasing lights.

Gained practical experience in embedded C programming, circuit wiring, and timing control.

Enhanced understanding of digital output pins, loop logic, and microcontroller-based automation.

- **Mini Project: Electric Bell using DC Motor**

Designed and built a working model of an electric bell mechanism driven by a DC motor.

Demonstrated the conversion of electrical energy into mechanical motion to produce sound.

Gained hands-on experience in basic mechanical design, wiring, and motor control circuits.

Enhanced understanding of electromechanical systems and teamwork during project development.

COURSES AND WORKSHOP

- Developing Data Driven Product Backends with Java, Spring and PostgreSQL issued by Mangalore Institute of Technology & Engineering (MITE) - Participated in a hands-on workshop focused on building data-driven backend systems using Java, Spring Framework, and PostgreSQL. (May 2025)
- AI Foundations Associate certified by Oracle Cloud Infrastructure – Gained foundational knowledge of AI and ML concepts, large language models, and related OCI services for building and deploying AI solutions. (August 2025)
- Statistics for R Programming, Infosys Springboard – Built strong foundational knowledge in statistical analysis, data visualization, and modeling using R programming. (February 2025)
- IUCEE NEP Intro to Design Thinking course — Gained practical knowledge of the design thinking process: empathize, define, ideate, prototype, and test. Applied human-centered design principles to solve real world problems. Developed skills in problem-solving, innovation, user research, and rapid prototyping. (2025)

Achievements and Extra-Circular

- Participated in Ideathon 2024, showcasing innovative ideas and problem-solving approaches in technology.
- Involved in Mechanical Mini Project Exhibition 2023, contributing to cross-disciplinary learning and teamwork.
- Attended and engaged in multiple technical talks and workshops on Computer Science and Web Development, enhancing technical knowledge and practical exposure.
- Participated in Sentia 2024 – Inter-branch Competition “Variety”, demonstrating creativity and teamwork through on-stage performance and collaboration.
- Delivered several presentations and participated in group discussions, improving communication, confidence, and leadership skills.

LANGUAGES KNOWN:

- English
- Kannada
- Hindi
- Tulu

HOBBIES:

- Singing
- Dancing
- Cooking