MONIKA P

Computer Science Engineering | Graduate Innovation Trainee

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SUMMARY

Prefinal year CS engineering student with a passion for web development and Java programming. Skilled in leadership, fostering innovation, and delivering high-quality projects. Proactive learner with a strong problem-solving aptitude. Ready to contribute to dynamic projects and drive impactful results.

TECH SKILLS

JAVA   Artificial Intelligence   HTML   CSS   JavaScript   Angular

EXPERIENCE

01/2024 - Present

Salem

Graduate innovation Trainee

Forge Innovation & Ventures

The Forge Innovation and Ventures Graduate Trainee program offers hands-on experience and mentorship to emerging talents in innovation and entrepreneurship, preparing them for leadership roles in startups and technological innovation.

· Leadership and critical thinking and problem solving

08/2022 - 11/2022

Online

Artificial intelligence with python

Coincent.ai

Coincent collaborates with IBM to offer an artificial intelligence internship program, providing hands-on experience at the intersection of loyalty rewards and AI.

· Artificial intelligence and Machine Learning

EDUCATION

10/2023 - NOW

Bachelor of Engineering - BE, Computer science and engineering
Government College of Engineering, Salem
[CGPA:8.45 (Till 5th Semester)]

10/2021 - 10/2023

Bachelor of Engineering - BE, Computer science and engineering
THANTHAI PERIYAR GOVERNMENT INSTITUTE OF TECHNOLOGY

2020 - 2021

HSC
SCISM Matric Hr Sec School [93.1%]

2018 - 2019

SSLC
SCISM Matric Hr Sec School [91.2%]

LANGUAGES

TAMIL	ENGLISH	KANNADA	HINDI
(NATIVE)	(BILINGUAL)	(SPEAKING PROFICIENCY)	(BEGINNER)

PROJECTS

AI assisted Telemedicine Kiosk

📅 01/2024   📍 Salem

An AI-assisted telemedicine kiosk is like a smart health booth you might find in places like malls or airports. It has tools like a blood pressure monitor, thermometer, and more. With the help of artificial intelligence (AI), it guides you through checking your health, like taking your blood pressure or temperature.If it notices anything unusual, it can connect you with a doctor through a video call right there at the kiosk. This helps people get medical help quickly and easily, even if they're not near a hospital. It's convenient and can save time and money, but it's important to make sure personal health information stays private and secure.

- [On Demand (monikaips.github.io)](monikaips.github.io)

Temperature Converter

📅 01/2024   📍 Online

The temperature converter goes beyond numerical conversions by enhancing user experience through color-coded indications. It not only swiftly transforms temperatures between scales but also visually communicates whether the converted value represents a cold, hot, or normal temperature. The intuitive color scheme provides instant insights, aiding users in interpreting the significance of the temperature in relation to their preferences or specific contexts. This additional feature adds a practical dimension to the converter, making it a comprehensive tool for both accurate numerical conversions and quick qualitative assessments of temperature conditions.

- [Temperature Converter (monikaips.github.io)](monikaips.github.io)

Text to Speech Converter

📅 04/2024   📍 Online

Developed a text-to-speech web application using JavaScript and the Web Speech API, enabling users to convert text input into spoken words in real-time. Implemented features such as adjustable speech settings, error handling, and cancellation functionality to enhance user experience. Received positive feedback for improving accessibility and usability, demonstrating strong proficiency in JavaScript development and user-centric web design.

- [Text to Speech Converter (monikaips.github.io)](monikaips.github.io)

QR code attendance generator

📅 05/2024   📍 Online

Developed a QR code-based attendance management system using React. Features include QR code generation, real-time scanning, and secure data handling for efficient attendance tracking. The user-friendly interface improves accessibility and usability, showcasing proficiency in React development and problem-solving.

- https://monikaips.github.io/qrcode_attendance_react/

Dynamic Image Gallery

📅 04/2024   📍 Online

Created a dynamic image gallery using HTML, CSS, and JavaScript. The gallery allows users to click on thumbnails to view larger versions of images. Implemented responsive design to ensure optimal viewing on different devices. Enhanced user experience with a clean interface and intuitive functionality, demonstrating strong front-end development skills.

- [OUR IMAGE GALLERY (monikaips.github.io)](monikaips.github.io)

E-Book Bank Applicaion

📅 04/2024   📍 Online

Developed a comprehensive book donation and retrieval web application using React. Key features include a book donation form, search functionality, and a book counter to track donations. The user-friendly interface facilitates easy navigation between donating, retrieving, and searching for books. Demonstrated strong skills in React, state management, and responsive design, enhancing user experience and promoting community knowledge sharing.

- [React App (monikaips.github.io)](monikaips.github.io)

HVAC Predictive Maintenance

📅 04/2024   📍 Online

Developed a responsive dashboard application for Airsense Artisans using HTML, CSS, and JavaScript. The dashboard features a sidebar for navigation, a dark mode toggle, user profile management, and reminders. Integrated a Google Apps Script to send data from a checkbox toggle to a Google Spreadsheet. Demonstrated skills in front-end development, responsive design, and API integration to enhance user interaction and data handling.

- https://monikaips.github.io/hvac/

LICENSES & CERTIFICATIONS

- Azure AI fundamentals (MICROSOFT)

- Object oriented principles in java (UPGRAD)

- Cloud computing (NPTEL)

- Angular (Simplilearn)

- Foundation of AI ML&FS (Tech Saksham -Edunet)

- HTML,CSS,JAVASCRIPT (SCRUMBA)

- Fullstack (Novitech r&t Limited)

SOFT SKILLS

- Leadership
- Team work
- Time management
- Adaptability
- Communication
- Communication
- Communication
- Communication

TECHNICAL SKILLS

1. HTML
2. CSS
3. Java Script
4. React
5. Java Programming
6. Google sheets
7. Google Appscript
8. Git & Github