

HARSHITHA A PAI

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Portfolio

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SUMMARY

Final-year Computer Science and Design student with strong technical skills in Java, Spring Boot, React, and UI/UX design. Passionate about building scalable web applications and solving real-world problems. Selected for state hub round-SAP Hackfest 2025, finalist of SNH'23, with hands-on experience in full-stack development, Figma design and an active scholar under VKKSP.

EDUCATION

Bachelor of Engineering, Computer Science and Design

Canara Engineering College

2022- Pursuing Mangalore CGPA - 8.7

Pre University, PCMB

MGM P.U College

2020- 2022 Udupi Percentage - 78%

CERTIFICATION

Google AI Essentials

Certified in Google AI Essentials, with skills in using generative AI for content creation, decision-making, and task automation.

Data Structures

Successfully completed a 22-week intensive course focused on daily DSA practice, algorithmic problem solving, and summer workshops conducted by industry professionals

MongoDB

Successfully concluded an 18-hour online course covering MongoDB fundamentals, CRUD operations, aggregation, indexing, and performance optimization techniques

HTML, CSS, JavaScript, React - Online Certification Course

Completed a web development course covering HTML, CSS, JavaScript, and React, with hands-on experience in building responsive layouts, dynamic web apps, and interactive UI components

ACHIEVEMENTS

- Awarded overall best design in a UI/UX competition conducted by ComedKares for excellence in Figma-based design. Received a cash prize of 5000 in recognition of the achievement.
- Hackathon project selected for the final round at SNH'23, demonstrating innovation, problem-solving, and technical expertise.
- Recognized as an active scholar at Vishwa Konkani Kendra, benefiting from academic mentorship and professional development opportunities.

SKILLS

Programming Languages: Java , C ,Python, JavaScript.

Databases: SQL, MongoDB.

Frameworks: React, Spring Boot ,Scikit-learn, Streamlit, Pandas, NumPy.

Web Technologies: REST APIs, HTML, CSS , Postman .

Tools: Git, GitHub, Figma, Jira, IntelliJ.

PROJECTS

Resume Screening ML App

2025

Canara Engineering College

Tech stack: Python, Scikit-learn, Streamlit, Pandas, NumPy, Joblib:

- Developed a machine learning-powered platform to predict whether a resume is suitable for a Data Science role.
- Built and trained a Logistic Regression model using TF-IDF vectorization for text classification.
- Implemented a Streamlit web application for interactive testing and real-time predictions.
- Applied full ML pipeline: preprocessing, model training, evaluation, and deployment.
- Designed a clean, user-friendly interface to allow easy resume input and instant prediction results.

FlowCare

2025

Canara Engineering College

Tech stack: React Native, Java, Spring boot, MongoDB

A mobile application that tracks menstrual cycle.

- A full-stack mobile application which prioritizes women's health.
- Designed and implemented a calendar which helps women to track their previous menstrual cycle and predict upcoming cycle and allowing real-time date selection within the app's primary navigation tab for improved user experience.
- Implemented logic such that the app gives users a reminder of when their next period will be based on their cycle.

CuePets

2024

Canara Engineering College

Tech stack: Java, Spring boot, JavaScript, React, REST-API, MongoDB

A comprehensive pet health care and adoption platform

- Built a full-stack web platform enabling users to manage profiles for themselves and 5+ pets, with features like adoption page, blog, and appointment calendar.
- Applied full CRUD operations for pet and user profiles using REST APIs.
- Designed a responsive, user-friendly UI for seamless experience across web and mobile devices.