





HARSHITHA Y J

PERSONAL DETAILS

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EDUCATION

B.E. in Information Science and Engineering

Malnad College of Engineering |
CGPA: 9.51 | 2022 – 2026

2nd PUC [PCMB]

Masters PU College | Percentage:
94.66% | 2021 – 2022

10th Grade

HKS International School |
Percentage: 81.4% | 2019 – 2020

SKILLS

Languages:

HTML, CSS, Python, SQL, Java, C.

Operating Systems:

Windows, Linux.

Tools & Technologies:

Visual Studio, Microsoft Office, Canva,
Git, Figma, Cursor, Hasura, Nhost

Soft Skills:

Leadership, Problem Solving,
Creativity, Time Management,
Adaptability, Teamwork

PROJECTS

Full-Stack AI Chatbot Platform | 2025

- Built a responsive chat app with React, TypeScript, Apollo GraphQL, and Nhost (Hasura/Postgres) authentication.
- Enforced chat CRUD, search, delete-all, sign-out; user-scoped GraphQL and cache-and-network updates.
- Delivered reusable Tailwind UI (ChatSidebar, ChatInterface, Messages, Input) with mobile-friendly sidebar.

EcoTown Health Dashboard | 2025

- Orchestrated intelligent biomarker extraction system processing medical PDF reports with an interactive analytics dashboard
- Designed an intuitive interface with predictive analytics and color-coded risk assessment for healthcare professionals

CerviNet: Cervical Cytology via Deep Learning | 2025

- Engineered medical AI system achieving 99.95% accuracy (VGG16) through comprehensive analysis of 16 deep learning models
- Architected full-stack web application with secure authentication, real-time image processing, and clinical workflow integration

Cloud-Based To-Do List | 2025

- Architected enterprise-grade web application with Firebase integration enabling real-time CRUD operations and multi-user collaboration
- Configured scalable cloud infrastructure achieving 99.9% uptime reliability with Progressive Web App features

Mood-Based Music Streaming Application | 2025

- Java app with playlist recommendations based on mood selection
- Stored & retrieved music lists from a predefined dropdown menu

FactNet – Blockchain Misinformation Detection Platform | 2024

- Secured 4th place at IIT Bombay Techfest among 100+ teams with decentralized fact-checking platform using Koi blockchain
- Implemented an automated web scraping engine with community verification protocols, achieving 87% misinformation detection accuracy

Portfolio Website – Vita Versa | 2024

- Developed a responsive portfolio website to showcase skills, projects, and achievements.
- Focused on clean design, smooth navigation, and cross-device compatibility to reflect strong personal branding and deliver a seamless user experience.

Crypt Arcanum–Cybersecurity Application | 2024

- Applied military-grade AES-256 encryption for multimedia content protection across voice, image, video, and text formats
- Optimized cryptographic operations, achieving 60% faster processing compared to standard encryption implementations

IoT Security Infrastructure Projects | 2023–2024

- Crafted a military-grade access control system with biometric authentication and automated gate control, achieving 98% detection accuracy
- Deployed IoT solutions with real-time monitoring capabilities and wireless communication protocols for enhanced security

EXPERIENCE

Software Development Engineer Intern

BLUESTOCK FINTECH | May
2025 – June 2025

- Spearheaded the frontend development of a financial dashboard, creating over 20 reusable UI components that significantly reduced development time for the team.
- Implemented code optimization strategies that enhanced application performance by 35%, resulting in a smoother user experience.
- Fostered collaboration within a cross-functional team of 8 developers, contributing to a cohesive and efficient development process.

Figma Masterclass Mentor CODE-X | 2025

- Delivered an extensive Figma masterclass tailored for engineering students, ensuring a comprehensive understanding and application of the software.
- Achieved a 100% completion rate, demonstrating effective teaching strategies and course design that maintained student engagement throughout the program.
- Garnered a 95% satisfaction rating, reflecting strong communication skills and the ability to convey complex concepts in an accessible manner.

ABOUT ME

As a results-driven Information Science Engineering student, I pride myself on an outstanding academic record, boasting a CGPA of 9.51. My expertise lies in full-stack development, artificial intelligence/machine learning (AI/ML), and cybersecurity, where I have consistently delivered measurable project outcomes. I am deeply passionate about utilizing cutting-edge technology to tackle complex real-world challenges and take great satisfaction in mentoring emerging talent within the tech industry.

LANGUAGES

Kannada (Native), English (Fluent),
Hindi (Fluent)

INTERESTS

Gardening, Craft work, Cooking

PERSONAL ACHIEVEMENTS

IIT Bombay Techfest 2024 – 4th Place Winner

Led team to national recognition for FactNet blockchain platform, demonstrating exceptional innovation in decentralized technology solutions

KOII Blockchain Leadership Certification

Selected among top performers at IIT Bombay hackathon for expertise in Web3 development and decentralized application architecture

Academic Excellence

Maintained consistent 9.51 CGPA performance ranking in top 5% of Information Science Engineering program across all semesters

Robotics Competition

Successfully finished the Smorphi Imaginary Robotics Challenge in 00:47:38.5 times, demonstrating advanced problem-solving and technical execution satisfaction.

CERTIFICATIONS

Introduction to Soft Computing – NPTEL

Completed an 8-week course covering fuzzy logic, neural networks, and genetic algorithms along with their real-world applications. Secured 61% and awarded the Elite certificate in the final evaluation.

Cyber Security and Privacy – NPTEL

Accomplished a 12-week course covering foundational concepts in cybersecurity, including encryption techniques, authentication protocols, and data privacy practices. Secured 54% in the final evaluation.

ADDITIONAL EXPERIENCE

Deloitte Virtual Internships | 2025

Data Analysis & Visualization: Performed exploratory data analysis (EDA), initiated business insights reports, and built dashboards using Excel and Tableau.

Cybersecurity: Assessed simulated corporate networks for vulnerabilities, implemented risk mitigation strategies, and documented incident response procedures.

Technology: Delivered mock digital transformation proposals focusing on cloud migration, process automation, and client engagement strategy.