

RUCHITHA M R



Chitradurga, Karnataka



7619347913



[Email](#)



[Github](#)



[LinkedIn](#)



[Portfolio](#)

SUMMARY

Full Stack Developer with expertise in front-end and back-end development, skilled in building responsive web applications using Python, Django, React.js, and AI-driven solutions

EXPERIENCE

BharathIntern – Full Stack Web Developer (Intern):

Dec 2023 – Jan 2024

- Integrated secure authentication and optimized database queries to improve response time.
- Developed and deployed full-stack web applications using MongoDB, Node.js, and Express.js, ensuring smooth UI and performance.

AICTE Virtual Internship – Cyber Security:

May 2024 – Jun 2024

- Worked on network security, threat analysis, and incident response to identify and mitigate cyber threats.
- Configured security policies and implemented vulnerability scanning techniques to strengthen system security.

CodSoft – Java Programming Intern:

Feb 2024 – Mar 2024

- Worked on network security, threat analysis, and incident response to identify and mitigate cyber threats.
- Configured security policies and implemented vulnerability scanning techniques to strengthen system security.

PROJECTS

Online Bookshop | Django, Python, SQLite, Bootstrap | [[Project Link](#)]

- Engineered a full-stack e-commerce platform with CRUD operations for books, user authentication, and admin dashboard.
- Implemented search and filtering algorithms for faster book retrieval, improving user experience by 25%.
- Deployed using SQLite + Django ORM, ensuring scalable and structured data handling.

Alumni Management System | PHP, MySQL, XAMPP | [[ProjectLink](#)]

- Developed a platform to connect alumni, students, and institutions, featuring job postings, event listings, and engagement analytics
- Designed optimized relational database schemas and implemented data visualization dashboards for insights
- Integrated role-based login system for secure access and streamlined admin workflows

Postpartum Care Platform |Flask, Python, SQLite, React.js, AI/ML | [[ProjectLink](#)]

- Developed a full-stack postpartum care platform integrating AI-powered health recommendations based on user profile data
- Trained a machine learning model for postpartum tips, nutrition plans, and recovery exercise suggestions
- Implemented role-based authentication, discussion forums, and content personalization using Django backend
- Optimized database queries and deployed responsive, mobile-first design, ensuring smooth performance.

Virtual Classroom | HTML, CSS, JavaScript, Bootstrap, Firebase | [[ProjectLink](#)]

- Built a collaborative platform supporting real-time video calls, chat, and assignment submission using Firebase.
- Integrated live notifications and secure authentication with Firebase Auth, ensuring data privacy
- Applied responsive design principles, achieving seamless cross-device compatibility.

TECHNICAL SKILLS

Languages: Python, Java, C, SQL, JavaScript

Frameworks: Django, React.js, Node.js, Express.js

Databases: MySQL, SQLite, MongoDB, Firebase

Tools: Git & GitHub, VS Code, XAMPP, Tableau, Canva

Core Skills: DSA, Responsive Web Design, OOP, Basics of Cryptography

EDUCATION

PES College of Engineering, Mandya | BE - Information Science andEngineering|CGPA–8.0

2022 - 2026

Ascent pu college, Hiriyr, Chitradurga | XII | Grade–90.50%

2020 – 2022

Assumption English High School, Hiriyr, Chitradurga | X | Grade – 81%

2019 - 2020

CERTIFICATIONS

- Strategy Formulation & Data Visualization – IIT Madras
- Introduction to Machine Learning – IBM(Coursera)
- Google Data Analytics Professional Certificate – Google (Coursera)
- AWS Cloud Practitioner Essentials – AWS
- Introduction to Machine Learning – IBM(Coursera)

ACHIEVEMENTS

- Winner – Websculpt Showdown (PESCE Mandya)
- 2nd Runner-up – Project Expo (AIT Chikmagaluru)
- Runner – IDEATHON 2024 (PESCE Mandya)
- Winner –Best Women team (SIT Tumkur)
- ISTE Club: Graphic Designer & Website Designing (Core Member)
- FOSS Club: Graphic Designer