

# RUCHITHA M R

📍 Chitradurga, Karnataka

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## 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 and Engineering|CGPA-8.0

2022 - 2026

**Ascent pu college, Hiriyur, Chitradurga** | XII | Grade-90.50%

2020 - 2022

**Assumption English High School, Hiriyur, 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