

# RITHISH R ACHAR

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## SUMMARY

Motivated MCA student skilled in full-stack web and software development, experienced with RESTful APIs and MongoDB/MySQL, seeking to contribute and grow in a dynamic team environment with strong problem-solving and collaboration skills.

## SKILLS

- **Programming Languages:** Java, Python, C++
- **Web Development:** HTML, CSS, JavaScript, PHP, React.js
- **Database Management:** MySQL, MongoDB, DBMS
- **Development Tools:** Jupyter Notebook, XAMPP, VS Code
- **Others:** Problem Solving, Analytical Thinking, Teamwork

## WORK EXPERIENCE

### ACCOLADE TECH SOLUTIONS | MANGALORE, KARNATAKA

#### FULL-STACK DEVELOPER INTERN (NOV 2024 – JAN 2025)

- Developed a MERN stack License Management System, building secure RESTful APIs (Node.js) and a responsive user interface (React.js).
- Implemented MongoDB for efficient, structured data storage and ensured secure authentication with seamless role-based access control.
- Collaborated in a team of four to enhance both frontend and backend functionality, successfully enabling license management, complaints, and approvals.

## EDUCATION QUALIFICATION

### MASTER'S OF COMPUTER APPLICATIONS(MANGALORE)

SHREE DEVI INSTITUTE OF TECHNOLOGY , CGPA-9.22

FEB 2024 - NOV 2025

### BACHELOR'S OF COMPUTER APPLICATIONS

BHUVANENDRA COLLEGE,KARKALA, SCORE – 72.11%

JUNE 2021 – NOV 2023

### SHRI BHUVANENDRA PU COLLEGE(KARKALA)

PUC (SCIENCE WITH COMPUTER SCIENCE), SCORE – 74.5%

JUNE 2018 – APRIL 2019

### JNANA SUDHA HIGH SCHOOL, GANIT NAGAR(KARKALA)

SSLC , SCORE – 79.52%

JUNE 2017 - APRIL 2018

## PROJECTS

### Career recommendation System

- Engineered and deployed a full-stack Career Recommendation System using Flask (Python) for the backend, integrating a Machine Learning model (model.pkl) to provide data-driven career suggestions with quantifiable probability scores.
- Developed the user interface using HTML, CSS, Bootstrap, and JavaScript/Chart.js to transform raw predictions into interactive visualizations (bar, pie, doughnut, and radar charts), significantly enhancing the clarity and interpretability of complex recommendations for students.

### Urban Authority- MERN-Stack Municipal Application

- Collaborated with a team of four to develop a web-based Urban Authority , Demonstrated collaboration, flexibility, and problem-solving skills.
- Built full-stack app using React.js, Node.js, MongoDB, enabled license requests, renewals, and complaint handling.

## RESEARCH PUBLICATION

### Vegetable Plant Disease Detection Using Machine Learning [Read Publication](#)

- Published in IJSDR - International Journal of Scientific Development and Research
- Developed an automated disease diagnosis system using Deep Learning (TensorFlow/Keras CNN model) to classify vegetable plant diseases from leaf images with high precision, addressing a critical issue in food security
- Co-authored with a team of 3, covering datasets, detection models, and ethical implications.

## EXTRA-CURRICULAR ACTIVITIES

- **Secured a 'B' grade in the NCC C-Certificate examination(2022)-** demonstrating discipline, leadership, and commitment.
- **Technical Leadership & Innovation Project Head, IoT Project (2024)** – Led the IoT project, overseeing development, research, and implementation, mentoring team members, and successfully delivering a functional prototype.
- **Event Head** – Coding Event, Medha Fest(2025): Led the planning and execution of a competitive coding event. Managed event structure, participant coordination, and judging process, ensuring a seamless and impactful experience for all attendees.