

RITHUL R

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A software engineering graduate with a passion for creating user-friendly interfaces and exploring new web technologies. I excel at multitasking, respond quickly to challenges, and stay focused on enhancing user experience.

EDUCATION

Rajagiri College Of Engineering And Technology,
Kakkanad Kochi
Nov 2021- Month 2025,
Course- B.Tech-Information And Technology
CGPA-7.58

Vijayamatha Higher Secondary School ,
Chittur Palakkad — +1/+2
NOV 2018- MARCH 2020, Course- Computer Science
Completed With 90%

Python Django Intern

Keltron, Aluva — Sept 2024

- Built a weather web application that fetched real-time data from external APIs and displayed user-friendly forecasts.
- Improved skills in back-end development and deploying Django applications.

Flutter Intern

Leuwint Technologies, Palakkad — [July 2024]

- Developed and maintained mobile applications using Flutter.
- Gained experience in Dart programming, state management, and API integration.

PROJECTS

Crisis-Connect

Tech Stack: Python · LSTM · Flask · Weather APIs · MySQL · HTML/CSS

Designed and developed a real-time flood prediction and disaster response system using LSTM-based deep learning models. The system forecasts flood risk using historical and live weather data, displays interactive heatmaps, and enables communities to request help or locate relief centers.

- Built a responsive user interface for alert dashboard and request portal
- Integrated APIs for weather data and real-time monitoring
- Enabled user feedback system for improving disaster response accuracy

QuizWiz-Quiz Platform

Developed a web application facilitating teacher-student interaction for quizzes. Teachers create profiles, design quizzes, while students participate and view leaderboards

- Frontend: HTML, CSS, Figma
- Backend: Node.js
- Database: MongoDB

Contributed in the frontend development.

SKILLS

Programming Languages:

- Python, C, HTML5, Java, SQL

Web & Mobile Development:

- JavaScript, Flutter

Languages:

- English, Malayalam, Hindi, Tamil

Design & Multimedia:

- Figma, WiX, Canva, Multimedia and Video Editing

Soft Skills:

- Active Listening, Adaptability, Teamwork

MOOC COURSES AND CERTIFICATE

- UI/UX Design Process: Empathize, Define, and Ideate- **Coursera**
- React basic's by Meta- **Coursera**
- Web Development - **Internshala**
- Introduction to artificial intelligence - **NPTEL**