

# MANISH MAHAWAR

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## Education

University Department, Rajasthan Technical University, Kota

Sep 2022 – Jun 2026

B.Tech in Information Technology- 8.7/10

Kota, Rajasthan

## Relevant Coursework

- Data Structures
- Algorithms Analysis
- Artificial Intelligence
- Computer Networks
- Probability and Statistics
- Database Management
- Operating Systems
- Computer Architecture

## Experience

### Qveto Technologies

June 2025– Present

Full Stack Developer

Hyderabad, Telangana

- Designed an AI-powered simulation tool to visualize fire spread and predict high-risk zones using environmental and satellite data.
- Integrated factors such as humidity, wind, terrain, and vegetation for realistic fire modeling.
- Applied machine learning techniques for high-risk zone forecasting and early disaster detection.
- Built an interactive Streamlit dashboard with real-time satellite data integration to aid faster disaster response and forest management.

### Celebal Technologies

May 2025 – July 2025

Frontend Developer Intern

Jaipur, Rajasthan

- Developed a Service Desk web application to streamline IT support requests and issue tracking.
- Implemented user authentication and role-based access for Admin, Agent, and User dashboards.
- Designed and integrated forms for raising support tickets with priority, category, and description fields.
- Collaborated with the backend team to ensure seamless API integration and smooth user experience.

## Projects

### AI Forest Fire Simulator | Python, Streamlit, Machine Learning

May 2025

- Designed an AI-powered simulation tool to visualize fire spread and predict high-risk zones using environmental and satellite data.
- Incorporated humidity, wind, terrain, and vegetation factors for accurate forest fire modeling.
- Applied machine learning algorithms to forecast vulnerable areas and enable faster disaster response.
- Built an interactive Streamlit dashboard with real-time satellite integration to support forest management.

### Service Desk Application | React, REST APIs, Role-Based Authentication

June 2025

- Developed a Service Desk web app to streamline IT support requests and issue tracking.
- Implemented role-based authentication for Admin, Agent, and User dashboards.
- Designed support ticket creation with priority, category, and description options. Collaborated with backend developers to ensure smooth API integration and real-time ticket updates.

### AI Code Reviewer | React, Node.js, Gemini API

January 2025

- Built an AI-powered code review tool that analyzes JavaScript/React code and suggests improvements for readability, efficiency, and bug prevention.
- Integrated the Google Gemini API to provide intelligent feedback with error detection, code optimization tips, and best practices.
- Developed a web-based dashboard in React for uploading, reviewing, and comparing code versions in real-time.

## Technical Skills

Languages: Python, C++, C, JavaScript, SQL, HTML5/CSS3

Developer Tools: VS Code, Google Cloud Platform, Git, GitHub, Postman, Streamlit

Technologies/Frameworks: React, Node.js, Express.js, MongoDB, Bootstrap, Tailwind CSS, Linux, WordPress, RESTful APIs

## Leadership / Extracurricular

- Selected among 10,000 applicants for the DSKC Summer Internship 2025 at Miranda House, exploring research opportunities in Computer Science and networking with peers..
- Successfully completed Summer Analytics 2025 by the Consulting Analytics Club, IIT Guwahati — gaining hands-on experience in Data Analytics and Machine Learning.
- Earned a Certificate of Participation in All India NCAT 2025 by Naukri Campus and completed 7+ Udemy certifications in Development.