

# Rajeev R

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## Education

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**NSS College of Engineering**, B.Tech in Computer Science and Engineering

Sept 2023 – May 2026

- CGPA: 9.07/10 (upto current semester)

**GPTC Palakkad**, Diploma in Mechanical Engineering

Apr 2019 – Apr 2022

- CGPA: 8.22/10

## Experience

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**Artificial Intelligence Intern**, IBM SkillsBuild (in collaboration with Edunet Foundation)

June 18 – July 30, 2025

- Successfully completed a six-week virtual internship focused on Artificial Intelligence, conducted under IBM's SkillsBuild Program.

## Projects

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### Mental Health Chatbot

- A mental health chatbot built using the Google Gemini API, providing students with a safe space to discuss their feelings, receive emotional support.
- Tools Used: HTML, CSS, JavaScript

### Nutri-Craft: Personalized Food and Diet Recommendation System

- Built a content-based food recommendation system that suggests personalized meals based on user-defined nutritional needs and preferences.
- Displays recipe ingredients, instructions, nutrition breakdown, and image previews to help users make healthier food choices.
- Tools Used: Python, Streamlit, FastAPI, Scikit-learn, Pandas, NumPy, Plotly

### Real-Time Code-to-Design Translator

- A web-based real-time HTML/CSS/JS editor with a live preview pane and console output, designed for interactive frontend prototyping and debugging.
- Integrated Monaco Editor, iframe rendering, and custom JS logging for an IDE-like experience in the browser.
- Tools Used: React, Tailwind CSS

### Handwritten Digit Prediction

- Developed a machine learning model to recognize handwritten digits using the Scikit-learn digits dataset.
- Tools Used: Python, Scikit-learn, Pandas, NumPy

## Technologies

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**Programming Languages** : Python, Java, C, JavaScript (Basics)

**Frameworks & Libraries** : Scikit-learn, NumPy, Pandas, Streamlit, FastAPI

**Web Development** : HTML, CSS, JavaScript, React (Basics)

**Databases** : MySQL

**Tools & Platforms** : Git, GitHub, Jupyter Notebook, VS Code

## Achievements & Certifications

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### Achievements

- **GenAI Hackathon**: Independently designed an innovative AI solution.
- **YIP 7.0**: Submitted a socially impactful idea.
- **IBM Datathon**: Participated in solving real-world tech challenges.

### Certifications

- **Artificial Intelligence Fundamentals**
- **Career Essentials in GitHub Professional Certificate**