Rajeev R

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Education

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

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

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 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

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

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

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

Databases : MySQL, MongoDB

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

Achievements & Certifications

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**