

# Vivek Raj

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## PROFESSIONAL SUMMARY

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BCA graduate with expertise in web development and machine learning. Skilled in HTML, CSS, JavaScript, and Python. Completed industrial training at Xpedio and an internship at the Academy of Skill Development (MSME). Developed recommendation systems and deployed web applications. Eager to apply technical skills in a dynamic role.

## EDUCATION

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**Bachelor in Computer Application** 2022 – 2025  
*Panjab Technical University*

**XIIth (PCB)** 2020 – 2022  
*+2 Janta High School*

**Xth** 2019 – 2020  
*Kerala English School*

## TECHNICAL SKILLS

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**Web Development:** HTML, CSS, JavaScript, Framework (Bootstrap)

**Machine Learning:** Python, MySQL, Jupyter Notebook, NumPy, Pandas, Matplotlib, ML Algorithms

**App Development:** React Native

## PROJECTS

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**Diseases detection and Medicine recommendation system** GitHub

- Developed a classic recommendation system showcasing algorithm capabilities and proficiency.
- Used SVC and explored other ML algorithms such as Random Forests, Gradient Boosting, KNeighbours, and MultinomialNB.
- Provided a user interface to enter symptoms as keywords.

**AI powered Chatbot to chat with website and PDF (Using ChatGPT API)** GitHub

- Takes multiple PDFs as input and provides answers based on the given PDFs.
- API integration with ChatGPT.
- Takes a URL as input and provides answers to user queries.
- Technology used: Python, LangChain framework, Streamlit.

**Personal portfolio Website** GitHub

- Created a responsive website using HTML, CSS, and JavaScript.

## EXPERIENCE

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### Industrial training through Xpedio

- Worked with a team to build a fully-fledged web-app.
- Gained knowledge of React Native and app development.

### Internship at Academy of Skill Development (MSME)

- Developed classic recommendation systems.

### Hackathon Participation

- Participated in Hackathon in Reimagine-Sheryians.

## CERTIFICATIONS

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Internship on Machine learning  
Data science membership program – CampusX

## KEY STRENGTH

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Problem solving skills  
Collaborating team player  
Hackathon participation  
Attention in detail