# NIRANJAN P

**B.Tech Artificial Intelligence and Data Science**
**Karpagam College Of Engineering**

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Portfolio | Leetcode | Github | LinkedIn

| Examination | University | Institute | Year | CGPA (%) |
|---|---|---|---|---|
| UG | Anna University | Karpagm College Of Engineering, Coimbatore | 2027 | 7.6 |
| HSC | State Board | Cheran matric hr sec school, karur | 2023 | 70% |
| SSLC | State Board | Cheran matriculation school , karur | 2021 | Pass |

## SKILL SET

- **Programming**: C, C++,Java, JavaScript, Python
- **Web Development**: HTML, CSS, React.js, Node.js, Express.js, Bootstrap, Tailwindcss
- **Databases :** MySQL
- **Tools :** Visual Studio Code, Eclipse, Docker, Git ,Kaggle, Google Collab
- **Data Visualization Tools** : Tableau , PowerBi , Qlik Sense, MS – Office
- **Soft Skills** : Excellent Communication, Teamwork, Leadership, Critical Thinking, Analysis.

## KEY PROJECTS

### Cardiovascular Disease Detection Using Random Forest

• Preprocessed medical data to ensure accuracy and robustness.

• Evaluated performance using metrics like accuracy and recall and deployed an interactive Gradio web app.

### Food Prediction Using KNN Algorithm Integrated with mlops

• Predicts food preferences or suitable food items for users based on past behavior or health data using the K-Nearest Neighbors (KNN) algorithm.

• Ensures the model is automated, monitored, and deployed efficiently using MLOps tools like Git, Docker, CI/CD pipelines, and model tracking.

### Developed a Responsive Website Using HTML

• Created a responsive website using HTML that adjusts layout across devices.

• Focused on clean structure and accessibility to enhance user experience and compatibility.

### Customer Chatbot Using Python

• Built a chatbot in Python to handle customer queries automatically.

• Used NLP techniques to understand and respond to user messages effectively.

## CERTIFICATIONS

- Introduction to Generative AI Studio - Google- Simple Learn [Nov 2024]
- Data Analytics -google- coursera [Apr 2024]
- MongoDB Basics for Students - MongoDB [Jun 2025]
- Business Analyst Qualification - QLIK [Aug 2024]