

Prashanth A

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📁 [Prashanth's Portfolio](#)

Education:

- **Presidency University,**
Bengaluru , India (2022 - Present)
B.Tech - CST- Devops
CGPA : 7.85 / 10
- **St.Claret PU College,**
Bengaluru , India (2020 - 2022)
2nd PUC - PCMC
Percentage : 81.6
- **Schoenstatt St.Mary's High School**
Bengaluru , India (2019 - 2020)
10th Std (KSEEB)
Percentage : 96.8

Technical Skills:

- **Programming Languages :**
Python - AI/ML, Web Development
Java - Andriod App Development
- **Web Development & Database Technologies :**
HTML , MySQL , CSS , JavaScript , Node.Js ,
React.Js , StreamLit

Certifications:

- **Basics of Machine Learning from SimpliLearn.**
- **Basics of Python from Infosys SpringBoard.**
- **Training Workshop on Git & GitHub from Devminds.**

Tools:

- **DevOps & Cloud**
Docker , PostgreSQL , Microsoft Azure ,
Dagger , AWS
- **AI & Machine Learning**
OpenAI API , Flask , LangChain ,
Firebase , Gemini API
- **Development & Programming**
GitHub & Git , PowerShell , CloudShell ,
Android Studio

Soft Skills:

- **Resilient**
- **Leadership & Communication**
- **Team player**
- **Dedicated**
- **Fast learner**

Projects:

- **FarmLive Innovations – AI-Powered Farmer Assistant** (Live🔗)
- **Frontend :** Next.js, Tailwind CSS
- **Backend :** Python (Flask/Django) , Node.js
- **AI & ML:** TensorFlow.js, NLP, Scheme Matching Model
- Multilingual **AI Farming Chatbot**
- **Smart Scheme** & Finance Access
- **She-Farm:** Women Empowerment Module
- Crop Trading & Climate Insights
- **AI-Powered Epidemic Prediction System** (Live🔗)
- **Frontend:** HTML, JavaScript, CSS
- **Backend:** Python (Flask/Django), Node.js
- **AI Model:** LSTM (Long Short-Term Memory)
- Predicts disease spread trends based on past data.
- Interactive data visualization with charts and graphs.
- User-friendly UI with **Top 5** Epidemic News .
- Real-time forecast for up to **30 days** ahead.
- **What If Simulator – Gamified Quiz-based Simulation App** (Individual)
- **Frontend :** React.js, Tailwind CSS, Framer Motion
- Scenario-Based Risk Simulation
- 1P & 2P Game Modes
- Scoreboard & Leaderboard Tracking
- Dark Mode UI with Immersive Animations
- Educational Content on Global Catastrophes
- Custom Audio Feedback (SFX & Music)
- **Smart Watch for Elderly Persons using Arduino** (Group) May 2023
- **Languages & Tools :** C++ , Arduino IDE
- Created a portable, energy-efficient heart rate monitor using Arduino Nano with **2 key features.**
- Real-time tracking and **data logging** via Bluetooth Module .
- Continuous **Monitoring** to assist Caregivers and Healthcare Professionals.

Volunteer Experience:

- As **Media Head** of the GoOps Club, We organized a successful technical quiz event, leading a team to enhance member engagement and knowledge sharing.