B J PHANINDRA BABU

+91 9880346529 ● Bangalore, Karnataka

EDUCATION

Dayananda Sagar College of Engineering, Bangalore	**Dec 2021- Present**
Affl. VTU; B.E in Artificial Intelligence & Machine Learning - CGPA: 9.00 (till 6th Sem)	
The Coding School (QxQ- Remote)	**SEP 2023 - MAY 2024**
Qubit by Qubit- Quantum Computing, Los Angeles, California	
Pupil Tree PU College	**2019-2021**
Class 12, Pre-University, PCMC-81%	
Basavarajeshwari Public School & College	**2006-2019**
Class 10, ICSE- 76%	

EXPERIENCE

AI Intern	**OCT 2023- DEC 2023**
Nuevera Infotech	Bangalore, KA

- Collaborated on a project for voice and face recognition, integrating these capabilities with ongoing company projects. Applied advanced data analysis to optimize Business Development and Market Analysis. Developed a model enabling voice commands to open the browser, access email, and send messages

Machine Learning Intern	**JAN 2023**
Cellstrat Hub	Bangalore, KA

- Completed a Machine Learning Bootcamp and led projects using advanced algorithms to solve complex problems. Key accomplishments include developing and deploying custom machine learning models to drive data-driven decision-making

System Architect Intern	**Nov 2022- Dec 2022**
PegaSystem	Bangalore, KA

- Designed and implemented HR and Student Application solutions using the Pega platform. Collaborated with cross-functional teams for requirements gathering and seamless integration. Conducted system assessments and provided strategic recommendations for improved performance and efficiency.

PROJECTS

- **DSI MAPS (Group Project)**: In 1st and 2nd semester, My role in this project was to design an IOS Application and different implementation steps on the project.
- **Election Management System:** Designed and implemented an AI-driven Election Management System, enhancing efficiency in voter registration, ballot processing, and results analysis.
- **IOT Projects:** Smart Home Automation System; Smart Energy Management System; Oscilloscope.
- **Process Automation Projects(WorkFlows at Celonis):** Timetable generation, CO-PO Mapping and Justification with Attainment Calculations, Result Analysis with Feedback, Cloud-based Department Document Repository
- **Vortex AI (Group Project):** A Generative AI experiment in which a word file uses App-script to produce content for you in response to a prompt.
- **DEPHISH (Group Project):** Developed a Machine Learning Model that is used to detect phishing sites.
- **AVA – Personalized Voice Assistant- (Group Project):** Developed and designed Voice-assisted chatbots to revolutionize hands-free communication in specialized industries.

- **Quant-a-Maze (Hackathon Project): NewsPod Project,** stood out by leveraging cutting-edge quantum machine learning algorithms (**QNLP, LAMBEQ, QKNN**), basic ML algorithms, data aggregation, and web crawling. A user-friendly frontend creates 4-5 minute **video summaries** of research data from valid sources (journals, papers, etc.) and delivers them daily.

- **Departmental Chatbot (Group Project):** Architected and developed an advanced departmental chatbot leveraging React, Vite, TypeScript, TensorFlow, and Gemini-pro. Integrated web scraping of AIML department website content, utilized vector embeddings for semantic understanding and implemented intelligent response generation to enhance user engagement and information accessibility.

RESEARCH

Enhancing the scale of Quantum Mechanics to Classical Mechanics
In Progress

Why Children or Teenagers seek and interested more Branded Things
In Progress

Advancing the Nano-Materials and why they change their properties on different scales.
In Progress

CO-CURRICULAR ACHIEVEMENTS

- **CREATO-Hackathon :** Runner-up in a "**Product Management Role" at Derbi-Foundation**
- **BRIGHTER INDIA-Hackathon:** As a participant in the Hackathon at integrating Artificial Intelligence and Machine Learning Solutions in the domain of "**Election Management"**.
- **Seminar-Quantum Computing:** Conducted "**Essence of Quantum Computing**" session at Dayananda Sagar College of Engineering and Global Academy of Technology.
- **Skill Development Program: "Product Design"** using AUTOCAD
- **Centre for Innovation and Leadership:** As a participant in the event on "**Communication Skills"** at Dayananda Sagar College of Engineering.
- **Resource Person: Stood as an official Resource Person on Quantum Computing and AI/ML** at Dayananda Sagar College of Engineering, Bangalore,
  Global Academy of Technology, Bangalore,
  Jain University, Davangere,
  Jyothy Institute of Technology, Bangalore,
  VTU-Muddenahalli,
  SJB Institute of Technology, Bangalore

VOLUNTEERSHIP

- **Blind Coding Competition Coordinator:** Conducted "**Problem-Solving"** with any Programming Language.
- **Valuable Vintage at Old-Age Home by the Team Mudita:** I was in Cultural Team, played tabla-instrument and being part of the entire mudita team.