Apoorv Gadiya

7apoorvg@gmail.com | linkedin.com/in/apoorv-g7 | github.com/APOORV7G | portfolio/Apoorv

EDUCATION

RV University   Bengaluru, Karnataka
B.Tech in Computer Science (Honours)   *Sep 2023 – Jun 2027*
- *Minors: Entrepreneurship — Specialization: Artificial Intelligence and Machine Learning*
- *Current CGPA: 9.63/10*

EXPERIENCE

AI Intern   Remote
Santaan ← Link   *Oct 2024 – Current*
- Designed and implemented **35+** different ***deep learning models*** for medical video classification.
- Includes **LSTMs, CNNs, Time Distributed** models for 85%+ accuracy.
- Benchmarked and developed production-ready modules to ensure 5% performance boost.

Skills: Deep Neural Networks, TensorFlow, Keras, OpenCV, Validation

Student Intern (Reference)   Remote
Ziroh Labs ← Link   *Mar 2024 – Sep 2024*
- Developed a **Convolutional Neural Network (CNN)** in Java from scratch.
- Created **100+ custom NumPy-equivalent functions** using lambda expressions.
- Implemented machine learning concepts like **backpropagation**, **axis manipulation**, and **broadcasting**.

Skills: Neural Networks, Java, Custom Algorithms, Machine Learning, Lambda Expressions

Summer Intern   On-site
Center of Innovation and Entrepreneurship, RV University ← Link   *Jun 2024 – Jul 2024*
- Automated a **certificate generation application** in Python for close to 200 people.
- Researched and implemented a **quantitative trading algorithm** using *Ichimoku Cloud*.
- Designed **educational games** for children using mathematical concepts.(Copyright Awaited)

Skills: Python, Trading Algorithms, Algorithm Design, Educational Game Development

PROJECTS

HSN Bill Tally Application | *Java, Apache POI, Java Swing, Launch4J*   Jun 2023 – Jul 2023
- **Created** a GUI tool to *cross-check* **2,500+ invoices** using **HSN Codes**.
- **Integrated Apache POI** to export data into *Excel*, enabling *easy access* to records.
- **Packaged** the application using **Launch4J** for deployment.

G-STS Gyroscopic Synergical Trash Segregator | *C, Arduino, Hardware*   Feb 2022 – Jan 2023
- **Engineered** an automated vehicle for *waste segregation*, improving *efficiency by 14%*.
- **Programmed C on Arduino** to perform *metal detection* and waste sensing with **80% accuracy**.
- **Enhanced** control precision, achieving *real-time feedback* and response times under *3.5 seconds*.

TECHNICAL SKILLS

Languages: Java, Python, C, HTML, CSS, SQL
Frameworks + Libraries : Flask, PyTorch, Selenium, PyAutoGUI, Apache POI, TailwindCSS
Tools: GitHub, Jupyter NoteBook, IntelliJ, VS Code, Eclipse, PyCharm, CodeBlocks
Cloud + Hosting: PythonAnywhere, Vercel, Google Cloud, Render, Leapcell