Darshan Raju Loni

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linkedin.com/in/darshan-loni | github.com/DarshanLoni | My Portfolio

EDUCATION

PES University, Bengaluru — Aug 2022 - Present

Bachelor of Technology in Computer Science and Engineering

- CGPA: 8.14/10.00
- Relevant Coursework: DSA, OS, Web Technologies, ML, Big Data, DBMS, Object Oriented Programming, Software Engineer
- 6 times consecutive Distinction Award certificate (DAC) recipient for surpassing academic benchmarks

Tungal High School & PU Science College, Vijayapura — May 2022

12th Grade: 97.5% — 10th Grade: 98.72%

TECHNICAL & OTHER SKILLS

- **Languages:** C/C++, Python, JavaScript, TypeScript, HTML, CSS, SQL, Go Lang (beginner)
- **Frameworks & Libraries:** ReactJS, TailwindCSS, Bootstrap, Node.js
- **DevOps & Cloud:** Docker, Git, GitHub, Linux (Ubuntu), Vercel, Render, MongoDb, MySQL
- **AI & ML Tools:** Scikit-learn, PyTorch, Pandas, NumPy, Google AI Studio, Lovable, Cursor
- **Other Tools:** VS Code, Postman, Jupyter Notebook, Kafka, Spark, Hadoop

PROJECTS

Spendyze: AI Powered Personal Finance Tracker [GitHub] | [Live] | TypeScript, ReactJS, MongoDB, Vercel, Render

- Integrated Gemini AI to auto extract transaction data from bills with **90% accuracy**, reducing manual entry time by up to **70%**.
- Built secure, modular REST APIs using Node.js, Express, and JWT for robust authentication and seamless transaction handling.
- Deployed on Vercel, integrating an AI chatbot and real-time email alerts to deliver **40% faster financial insights**.

Real-Time Detection of Poisoning Attacks in ML Pipelines [GitHub] | Python, ML - Research Project (Ongoing)

- Collaborating with a 4-member team to build a **real-time** adversarial input detection system in ML pipelines.
- Integrated a feedback-driven anomaly detection loop using **centroid and KNN** techniques to continuously adapt to poisoning patterns.

Lambda - Serverless Function Platform [GitHub] | Docker, FastAPI, Streamlit

- Developed a serverless platform like AWS Lambda using FastAPI, enabling CRUD operations and secure execution of Python/JavaScript functions with Docker and gVisor.
- Built full-stack system with backend APIs, execution engine, and real-time monitoring dashboard.

CERTIFICATIONS

Certificate of ML Internship	Istudio
Introduction to Cloud Computing	IBM - Coursera
Version Control	Meta - Coursera

EXTRACURRICULAR ACTIVITIES

- **Hackathons and Tech Challenges** | Problem Solving, Critical Thinking, Time Management
  - Participated in Challenges like Auraflix (72-hour hackathon), Tata Crucible Quiz 2024, Eurogrip TORQ Challenge, etc.

- **Kannada Koota Club, PES University**: Head of Design and Social Media | Leadership, Teamwork
  - Planned and executed a cultural event with 1,500+ attendees, achieving grand success.