# Priya Darshini P

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## SUMMARY

Motivated and detail-oriented Computer Science (Hons) student at RV University with a strong foundation in programming, data structures, and full-stack development. Adept at building scalable web applications using modern technologies and currently expanding skills in machine learning. Known for excellent communication, problem-solving skills, and the ability to work collaboratively in agile environments.

## SKILLS

- **Programming Languages**: Java, Python, C++, C
- **Machine Learning**: Reinforcement Learning, Computer Vision, Algorithms, LangChain, LangGraph
- **Web Development**: React, Angular, JavaScript, TypeScript, Flask
- **Databases**: MySQL, MongoDB
- **Tools & IDEs**: VS Code, NetBeans, MySQL Workbench, Spyder, Jupyter Notebook, Mongo Compass, Arduino, GitHub, DockerHub, AWS
- **Core CS**: Data Structures and Algorithms, Operating Systems, Embedded Systems, DBMS, System Design
- **Extracurriculars**: Public Speaking, Debate, Leadership, Critical Thinking, Reflective Thinking
- **Languages**: English (Fluent), Kannada (Fluent), Tamil (Fluent)

## Education

**RV University (BTech in Computer Science and Engineering)**
Sep '23 — Present | Bengaluru, India

**Jyoti Nivas Pre-University College (PCMC)**
Aug '21 — Mar '23 | Bengaluru, India

**Narayana School (CBSE)**
Jun '09 — Mar '21 | Bengaluru, India

## PROJECTS

1. **Community Issue Reporting Platform (Project Link)**
   • **Description**: Developed a full-stack application that enables users to report local issues (e.g., potholes, waste) and track resolutions. Admins manage issues, comments, and analytics.
   • **Stack**: Angular, Flask, MongoDB, JWT, Docker, REST APIs
   • **Features**: Role-based access, issue tracking, image upload, map integration
2. **Bitcoin Trend Prediction using Deep Learning ( Project Link )**
   • **Description**: Built a predictive system that forecasts Bitcoin price trends using LSTM, GRU, and Transformer models. Integrated with a Flask-based app and HTML frontend for date-wise predictions.
   • **Stack**: Python, TensorFlow, Keras, Pandas, Flask, HTML/CSS
   • **Highlight**: Majority voting-based final prediction from ensemble models, GRU being most accurate
3. **ShopTrends: The Evolution of Online Shopping (2019) ( Project Link )**
   • **Description**: Analyzed patterns and trends in consumer shopping behavior using historical data. Implemented visual insights and trend predictions.
   • **Stack**: Python, Matplotlib, Seaborn, Jupyter Notebook
   • **Highlight**: Provided actionable insights on e-commerce trends and seasonal shifts
4. **Portfolio Website ( Site )**
   • **Description**: Personal portfolio showcasing academic background, projects, skills, and contact info
   • **Stack**: HTML, CSS, JavaScript