MANOJ J

Passionate Tech Enthusiast | Top-Ranked GSoC Project Proposer | Flutter & Java Developer

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GitHub | Portfolio | LinkedIn

SKILLS SUMMARY

- **Backend Development** : **Java • Spring • Spring Boot**
- **Mobile App Development** : **Flutter • Dart**
- **Frontend Development** : **HTML • CSS • JavaScript • Bootstrap**
- **Programming Languages** : **Java • Dart • C**
- **Database** : **SQL**
- **Version Control** : **Git • GitHub**

PROJECTS

1. **Agricultural Machinery Rental App (Startup Project) | Flutter, Dart | View My Project**
   - Developed a mobile app to promote sustainable farming through machinery and resource sharing.
   - Implemented user-friendly booking system , 24 / 7 chatbot.
   - Won Solveathon under **SDG 12 – Responsible Consumption and Production** for innovative sustainable idea.
2. **Plan Your Meal – (Startup Project) | HTML, CSS, JavaScript | View My Project**
   - Designed and developed a website to help users plan meals based on their time.
   - Moto of this project is to reserve seat , order food and save time.
   - Integrated responsive design for accessibility across devices.
3. **Rover Webpage – (College Project) | HTML, CSS, JavaScript, Three.js (for model viewing) | View My Project**
   - Built a responsive web page to display real-time rover camera feed and temporary temperature, and humidity data.
   - Integrated live telemetry via IP address and visualized the 3D rover model using Three.js.
   - Showcased at the campus incubation demo and tested in real-time field trials.

EDUCATION

Sri Sairam Engineering College   Chennai, India
Bachelor of Technology – Information Technology;   **Sep 2023 - Present**
CGPA: 8.60

OPEN-SOURCE CONTRIBUTION

1. **Contributed to Dart Programming Language Documentation – Dart-lang/site-www**
   - Issue #6366 – Updated using-streams.md to include relevant YouTube tutorial for better clarity. *(Status: Merged)*
   - Issue #6424 – Renamed a confusing variable to enhance code readability and understanding. *(Status: Merged)*
   - Issue #6451 – Documented the use of label with break and continue statements in Dart. *(Status: Merged)*

CERTIFICATES

1. **Programming in Java (NPTEL)**
   - Learned object-oriented programming, exception handling, multi-threading, and core Java APIs. Final score: 68.
2. **Computer Networks and Internet Protocol (NPTEL)**
   - Covered network architecture, TCP/IP protocols, routing algorithms, and data communication models. Final Score : 58.
3. **Data Analytics Professional Certificate(Google)**
   - Gained hands-on experience in data cleaning, visualization, SQL, spreadsheets, and R for real-world data analysis tasks.

ACHIEVEMENTS

1. **Winner – Solveathon (SDG 12: Responsible Consumption and Production)**
   - Recognized for innovative project idea promoting sustainable resource sharing in agriculture.
   Formed and led a college team to present a startup concept addressing responsible consumption. This project was also featured in the Projects section of the resume.
2. **Top-Ranked Idea – Google Summer of Code 2025 (Dart Organization)**
   - Proposed a project idea ranked **#1** by the Dart open-source organization during GSoC 2025 review, recognized for its technical strength and relevance, though not allocated a contributor slot.