

# Pavan Uthsara

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Malabe, Sri Lanka

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## SUMMARY

Enthusiastic software engineering undergraduate with solid foundation in programming and problem solving. Proficient in java programming language. Strong analytical skills and a passion for learning new technologies. Seeking opportunities to contribute to innovative projects while gaining practical experience in software engineering.

- <https://github.com/pavanuthsara>
  - <https://www.linkedin.com/in/pavanuthsara>
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## EDUCATION

Sri Lanka Institute of Information Technology | Malabe, Sri Lanka  
Software Engineering (2023 May - Present) | Graduation Year - 2027

- CGPA : 3.85

G.C.E. Advanced Level - Science Stream (Mathematics) | 2022(2023)  
Successfully completed with 3A s. (Index no - 3050980)

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## PROJECTS

### Spare Parts Selling WebApplication

Technologies used - **Java**, **TailwindCSS**, **JSP**, **MySQL**

<https://github.com/pavanuthsara/SparePartsSellingApp>

- Applied **Object-Oriented Programming** (OOP) principals such as inheritance, encapsulation.
- Implemented core Java concepts including **exception handling** and **data structures**.
- Designed frontend using JSP and styled with TailwindCSS for a responsive user interface.
- Integrated advanced CRUD operation.
- Followed the **MVC architecture** for separating concerns between data, logic and UI.
- Designed and integrated a **Singleton-based** database connection manager to ensure optimal resource utilization and **thread-safe access**.

### Freshly LK - Farmer products selling webapp , 2nd Year 2nd Semester

Technologies used - **Nodejs**, **Express**, **MongoDB**, **React**, **TailwindCSS**, **JWT**

- <https://github.com/pavanuthsara/freshly-project>
- Developed a full-stack web application to connect farmers with consumers, enabling farmers to sell their products online.
- Implemented complaint management system allowing users to submit and track issues for better customer support.
- Designed and integrated AI-powered crop advisory form using the **Google GenAI API**, helping farmers receive information and guidance on various crops.
- Used **MongoDB**, webbased NoSQL database for structured storage.
- Created a responsive, user-centric frontend with **React** and **TailwindCSS**.

### Youtube Channel - Education tech tutorials

- <https://www.youtube.com/@PavanUthsara>
  - Publish educational videos focused on programming languages, databases and software tools.
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## SKILLS

Java, Git, Github, Nodejs, MongoDB, Express, React, JavaScript, TailwindCSS, PHP, HTML, CSS, C , C++, DBMS, SQL

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## SOFT SKILLS

Problem solving, Team working, Adaptability, Good communication, Content creation