

# DHARANI SREE.M.C

Komarapalayam, Tamil Nadu 638183

✉ [sreechinthamanics@gmail.com](mailto:sreechinthamanics@gmail.com) [in linkedin.com/in/dharanisree2004/](https://www.linkedin.com/in/dharanisree2004/) [github.com/Dharanisree2004](https://github.com/Dharanisree2004)

## Projects

### URL Shortener | Java, Spring Boot, MySQL

April 2025

- Developed a URL shortener using Java 21 and Spring Boot, successfully handling 500+ test cases with 100% accuracy.
- Designed REST APIs for shortening, redirection, and click tracking; improved redirect latency by 40%.
- Integrated MySQL for persistent storage and containerized the application using Docker for cross-platform deployment.
- Implemented a CI/CD pipeline with Jenkins for automated building and deployment.

### Sudoku Solver with GUI / Java

July 2024

- Developed a Sudoku solver with a Java-based graphical user interface (GUI), achieving a 100% accuracy rate in solving puzzles.
- Implemented efficient algorithms that reduced puzzle-solving time by 30% compared to traditional methods.
- Built a user-friendly interface that facilitated over 200 test cases with seamless input and solution display.

### Founder & Presenter, Byte Buddies Edtech Platform

February 2024

- Conceptualized and founded Byte Buddies, an educational technology platform designed to teach coding and digital skills to kids.
- Got a seed money of 1 lakh rupees from the university.
- Presented the platform idea to panel of faculty members, effectively communicating its value and potential impact.
- Led a team of peers and collaborators to create educational content, ensuring quality and relevance.

## Achievements

### GeeksforGeeks Web-a-thon

September 2024

- Organized by Gfg in LPU(Top 25 teams)
- Collaborated with team members to develop a web application under tight deadlines, showcasing problem-solving and team coordination skills.

### InnovateX – A 24 hours Hackathon

March 2024

- Organized by Pentaomnia in LPU(Top 10 teams)
- Contributed to brainstorming sessions, developed core application features, and played a key role in presenting our solution to the judges.

## Certifications

### Data Structures and Algorithms Course

July 2024

Conducted by Spruce powered by Hitbullseye.com, LPU — [Certificate Link](#)

- Completed 84-hour course on Data Structures and Algorithms
- Gained advanced skills in algorithm design, complexity analysis, and data structure optimization.

### Prompt Engineering for ChatGPT

February 2024

Coursera — [Certificate Link](#)

- Acquired practical knowledge in crafting effective prompts for ChatGPT applications through Coursera.

## Technical Skills

**Languages:** C++, Java, Python(Beginner), HTML, CSS

**Frameworks & Architecture:** Spring MVC, Model-View-Controller (MVC) architecture

**Development Tools:** IntelliJ IDEA, Eclipse, Visual Studio Code

**Other Skills:** Maven, MySQL, Git, GitHub, Docker, Jenkins, Postman

## Education

### Lovely Professional University Punjab

Since 2022

Computer Science and Engineering(Hons) — CGPA: 8.24

Jalandhar, Punjab

### Royal International School-CBSE

2021 – 2022

12th with Science — Percentage: 88.20%

Komarapalayam, Tamil Nadu

### Royal International School-CBSE

2019 – 2020

10th with Science — Percentage: 85%

Komarapalayam, Tamil Nadu