

Lakshana Shree S

View My Portfolio | Developer | lakshanalakshu2408@gmail.com | +91 99401 04514

SUMMARY

Pre-final year CS student passionate about building real-world solutions. Seeking a Software Development Engineer Intern role to apply and grow my skills in software development.

EDUCATION

RAJALAKSHMI INSTITUTE OF TECHNOLOGY

BE IN COMPUTER SCIENCE

Expected June 2027

CGPA: 8.44

ROSARY MATRIC HR SEC SCHOOL

Grad. May 2023

Cum Per: 90.2

LINKS

LinkedIn:// [lakshanashree](#)

Github:// [lakshanashree](#)

SkillRack:// [lakshanashree](#)
(1200+ Problems)

SKILLS

Languages: Java, Python, SQL, C

Frontend Tools: React js, Vue js, HTML, CSS, Javascript

Backend Tools: Springboot, Node js, Express js

Databases: PostgreSQL, MySQL, MongoDB

Tools: Git, GitHub, VS Code, Google Colab, Jupyter Notebook, Figma

COURSEWORK

UNDERGRADUATE

- Data Structures and Algorithm
- Object Oriented Programming
- Computer Networks
- Database Management System
- Machine Learning
- Artificial Intelligence

INTERESTS

- Software Development
- Full Stack Development
- Database Engineering

EXPERIENCE

NATIONAL INFORMATICS CENTRE | FULL STACK DEVELOPER

May 2025 - Present | Onsite

- Optimized GIAS alert system backend with **Java Spring Boot** for efficient metric fetching and **PostgreSQL** storage.
- Built alert categorization logic in **Java Spring Boot**, ensuring robust performance and timely notifications.
- Developed responsive **Vue.js** frontend for Support Management System, delivering intuitive UI/UX.

EDUNET FOUNDATION | AI INTERN

May 2025 - June 2025 | Remote

- Developed a deep learning model in **Python** for MNIST digit classification.
- Gained expertise in **AI** and **Microsoft Azure** through structured courses and hands-on training.

FOSSEE | OSDAG INTERN - IIT BOMBAY

Feb 2025 - June 2025 | Remote

- Developed automated **Python** and **batch scripts** to identify and report errors in **structural design modules**.
- Tested various modules to ensure **accuracy, performance**.
- Improved **OSI file testing** processes, enhancing **workflow efficiency**.

PROJECTS

SKILLSWAP

Node.js | Express.js | React.js | PostgreSQL | Git

- Developed a **React.js**-based responsive frontend for users to list and browse skills, with **PostgreSQL** for secure data storage.
- Implemented **Node.js** and **Express.js** backend for managing skill swap requests, user profiles, and admin moderation.

SILVERCARE | ELDERLY CARE

Java | Spring Boot | Vue.js | AI | PostgreSQL | Figma | Git

- Built a **Java Spring Boot** and **Vue.js**-powered web app to streamline scheduling and tracking of elderly care tasks.
- Integrated **PostgreSQL** for robust cloud storage and designed intuitive UI with **Figma** for seamless user interaction.

ACHIEVEMENTS

- Presented **Case Study** at Chennai Institute of Technology. (2025)
- Took part in global and national-level hackathons such as the **Google Solution Challenge** and **Smart India Hackathon (SIH)**.
- Subject **Topper** in Computer Science and French in **12th Grade** (2023).
- Won **3rd place** in Mathematical Sequence. (2023)
- Finished the **Data Science Job Simulation** by **BCG X Forage**, covering **EDA, modelling, and recommendations**.
- Completed **Data Analytics Visualization** simulation by **Accenture Forage**.
- Made **open-source contributions** to Osdag (IIT Bombay), improving module testing automation and error reporting for structural design components.