



Pavithra V, 20

Software Developer

"Hello 🌟. I am Pavithra. I am currently pursuing my Bachelors in Information Technology (Engineering)

Enthusiastic beginner-level Software Development Engineer with foundational programming skills and a strong grasp of software fundamentals.

Committed to learning and contributing effectively to team efforts in creating innovative software solutions

Website
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Address
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GitHub
<https://github.com/pavi143>

LinkedIn
<https://www.linkedin.com/in/pavithra-v-323195217>

Leetcode
<https://leetcode.com/Paviv/>

Education

School
Jaivabai Municipal Girls Higher Secondary

HSE 2020 89%

College 2020 - 2024
Government College of Technology
<https://gct.ac.in>

CGPA 8.28

Experience

- Jul 2023 - Aug 2023 Fulltime

Coimbatore



Project Trainee

Bosch Global Software Technologies

<https://www.bosch-softwaretechnologies.com/en/>
<https://pavithra.tech/certificates/bgsw-internship>

- Sep 2022 - Present

Coimbatore



Executive Member

Coding Club, GCT

<https://codingclubgct.in>

<https://github.com/coding-club-gct>

<https://blogs.codingclubgct.in>

- Led front-end and back-end tasks in the Tools Team, focusing on Qt application development.
- Designed a dynamic user interface for the "Flash GUI Common Codebase" project.
- Applied skills to integrate software seamlessly with specialized hardware systems.

My active works in the club includes:

- Webapps monorepo

- Spearheaded the rebranding of our club theme palette for both light mode and dark mode, and eventually moved all our existing web applications to a monorepo architecture.
- The monorepo consists of 4 apps and one package out of which, I have developed 2 applications individually.
- Developed homepage application for our club and gallery application to post memories captured in each events
- Techstack: [Turborepo](#), [Next.js](#), [TypeScript](#), [Vercel](#), [Tailwind](#)

<https://codingclubgct.in> Maintainer

<https://blogs.codingclubgct.in> Contributor

<https://qr.codingclub.in> Contributor

<https://gallery.codingclubgct.in> Maintainer

<https://github.com/coding-club-gct/front-gate>

<https://www.npmjs.com/package/@coding-club-gct/theme>

Design Patterns

- Documented a comprehensive blog series detailing my journey to master 11 different design patterns. Strengthened my object-oriented programming (OOP) concepts through practical application and in-depth exploration
- Techstack: [C++](#)

<https://github.com/coding-club-gct/design-patterns>

Projects

Portfolio (WIP)

- Portfolio website developed with TypeScript, Next.js and deployed in Vercel.
- Implemented file hosting feature that enables me centralizing certificates, resume and other documents for efficient access and presentation.

<https://github.com/pavi143/portfolio>

SQLite Clone

- Developed CLI database management system to gain expertise in Python, Operating Systems concepts like paging, data structures like B-Tree.
- Implemented data persistence with insert and read functionalities.

<https://github.com/coding-club-gct/sqlite-clone>

Skills

