

## SUMMARY

Computer Science graduate with hands-on experience in software engineering, full-stack web development, and data structures. Strong foundation in application development, problem-solving, and debugging. Effective team collaborator with adaptability in agile environments and a commitment to delivering scalable, maintainable code.

## EDUCATION

### B.Tech - Computer Science and Engineering

Aug 2021 - May 2025

Puducherry Technological University | Puducherry, IN

CGPA: 6.84 (up to VII semester)

### Higher Secondary Education (HSE)

June 2019 - March 2021

St. Patrick Matriculation Higher Secondary School | Puducherry, IN

Percentage: 88.6

### Secondary Education (SSLC)

June 2009 - March 2019

St. Patrick Matriculation Higher Secondary School | Puducherry, IN

Percentage: 88.6

## SKILLS

## TOOLS

• Java • HTML • CSS • JavaScript  
• MySQL • React.js • MS Office • Graphic Design

MS Office 365 Visual Studio code  
Canva Git & GitHub

## PROJECTS

### QGen: AI-Powered Question Paper Generator

**Technologies:** Python, Flask, React.js, FAISS, LLAMA-3

Developed a Retrieval-Augmented Generation (RAG) system to auto-generate syllabus-aligned academic questions using semantic search and LLMs. Achieved 84% precision and 100% structural accuracy with real-time, context-aware question generation.

### Rejouir '25 Website - Full Stack Web Application

[ptu.rejouir.in](https://ptu.rejouir.in)

**Technologies:** React.js, Node.js, MySQL

Led the complete design, development, and deployment of the official website for PTU's national-level cultural fest. Implemented an event registration system integrated with secure online payment functionality.

**Planned enhancements:** QR-based ticket generation and admin dashboard for event analytics.

### Personal Portfolio Website

**Technologies:** HTML, CSS, JavaScript, PHP, MySQL

[View Portfolio](#)

Designed and built a fully responsive personal portfolio site to showcase projects and achievements.

Integrated Weather API, contact form with PHP-based mailing system, backend support, and interactive UI components.

## PROFESSIONAL EXPERIENCE

### 8Queens Software Technologies Private Limited, Chennai

May 2024 - July 2024

Web Development - Intern | **Technologies used:** HTML, CSS, JavaScript, React.js

Assisted senior developers in building 10+ reusable UI components, contributing to a 20% improvement in front-end performance. Supported delivery of 3 client-facing modules with full mobile responsiveness and cross-browser compatibility.

## CERTIFICATIONS

- Responsive Web Design – *freeCodeCamp*
- Microsoft Excel from Beginner to Advanced - *UDEMY*

## LANGUAGES KNOWN

- English
- Tamil

## LEADERSHIP & CAMPUS INVOLVEMENT

- Secretary - "The Hub", PTU Students' Chapter (2025)
- Student Lead - Operations & Execution, Rejouir '25
- Vice President - Photography Club, PTU (2024)

## HOBBIES & INTERESTS

- Cricket
- Photography
- Chess
- Music
- Editing