

# Sadhana K




Bachelor of Technology  
Information Technology  
KPR Institute of Engineering and Technology, Coimbatore

+91-7812824150  
[sadhanakaruppusamy266@gmail.com](mailto:sadhanakaruppusamy266@gmail.com)  
[linkedin.com/in/sadhana-karuppusamy/](https://www.linkedin.com/in/sadhana-karuppusamy/)  
[github.com/SadhanaK266](https://github.com/SadhanaK266)  
<https://sadhana-k-portfolio.netlify.app/>

## EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech., IT	KPR Institute of Engineering and Technology, Coimbatore	8.14	2022 - 2026
HSC	Thiru Janarthana Matriculation Higher Secondary School, Tirupur	86.5	2021 - 2022
SSLC	Thiru Janarthana Matriculation Higher Secondary School, Tirupur	76.6	2019 - 2020

## EXPERIENCE

- Thulir**  June 2024 - July 2024  
*Junior Web Developer* Singapore
  - Built responsive React interfaces that improved user interaction speed by **30%**.
  - Optimized image and asset loading, reducing average page load time by **20%**.
- Squash Apps Private Limited**  January 2024 - February 2024  
*Web Developer Intern* Coimbatore, India
  - Developed web applications using **HTML, CSS, PHP, MySQL**.
  - Enhanced backend efficiency by **25%** through optimized SQL queries.
- Squash Apps Private Limited**  August 2023 - September 2023  
*Web Developer Intern* Coimbatore, India
  - Created reusable UI components and enhanced user interface design.

## PROJECTS

- Java Developer - Console-Based Management Systems**  
*Tools and Technologies:* Java, OOPs, File Handling, VS Code / Eclipse, Console I/O
  - Built a suite of real-world monolithic applications including an **ATM Management System, Library Management System, Super Market Billing System, and Vehicle Rental System**.
  - Developed modules for authentication, inventory tracking, transaction handling, fine calculation, and reporting with role-based access, persistent storage, and modular Java design.
- Frontend Developer – Web Utility Applications**  
*Tools and Technologies:* React.js, HTML, CSS, JavaScript, OpenWeather API, QR Code API, Netlify, VS Code
  - Developed and deployed interactive web applications including a **Portfolio Website, QR Code Generator, Weather App, and Pizza Bill Generator**.
  - Implemented features like real-time data rendering, third-party API integration, dynamic UI updates, and responsive design to enhance user experience and accessibility.

## SKILLS

- Programming Languages:** Java, JavaScript, Python, SQL, PHP, Dart
- Technologies:** React.js, HTML5, CSS3, Material UI, Flutter, Node.js (Basic), MySQL
- Tools:** Git, GitHub, Bitbucket, Postman, Figma, Eclipse, VS Code
- Domains:** RESTful APIs, Unix/Linux, Distributed Systems, ML, TCP/IP, Info Retrieval

## CERTIFICATIONS

- GitHub Foundations** – GitHub | **Java (Basic) Certificate** – HackerRank
- Data Analytics with Python, Business Analytics and Intelligence** – NPTEL
- Introduction to MongoDB** – MongoDB | **Engineering Design & IT Primer** – L&T
- Acquiring Data** – NASSCOM | **Cybersecurity Fundamentals** – Great Learning

## POSITIONS OF RESPONSIBILITY

- Club Coordinator** – Software Development Club 2024 - 2025