

# SABARINATHAN M

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## Objectives

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Enthusiastic Computer Science student with a passion for frontend development, UI/UX design, and programming. Proficient in Python, JavaScript, and React.js, with a solid foundation in data structures, algorithms, and web development. Strong analytical and problem-solving abilities with a keen interest in creating user applications.

## Skills

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- Programming Languages: Python, JavaScript, Java (Basic)
- Frontend Development: HTML, CSS, React.js, Tailwind CSS
- Designing skills: Figma, Adobe XD.
- Version Control Tools: Git, GitHub,
- Soft Skills: Problem solving, collaboration, communication

## Projects

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### Cakes Bakery Website

- Developed a responsive e-commerce website using HTML, CSS, and JavaScript; integrated interactive UI components, performance optimization, SEO best practices, cross-browser compatibility, and mobile-first design.
- Tools Used: HTML, CSS, JavaScript.

### Buffering Algorithms for Video Streaming over Wireless Network

- Conducted an in-depth comparative analysis of adaptive streaming techniques using HLS, MPEG-DASH, and network traffic monitoring and bandwidth efficiency, and real-time performance.
- Tools Used: HLS, MPEG-DASH, network traffic monitoring.

### UI/UX Design Portfolio

- Developed a range of user-centered design projects emphasizing intuitive interfaces and seamless user experiences; utilized user research, wireframing, prototyping, and usability testing with tools.
- Tools Used: Figma, Frame.

## Education

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**Manakula vinayagar institute of technology**, B.Tech in Computer Science

oct 2022 – May 2026

- CGPA: 8.0 (till 4th sem)

**Lakshmi Chordia Memorial Matriculation Higher Secondary School Cuddalore**

- SSLC - 90% , HSC - 85%

## Certification

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- Python, By Information Technology Specialist.
- UI/UX Design Workshop, By Vel Technology.
- Fullstack Development Course, By Novitech.
- Java Basic Programming, By Udemy.

## Extras

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- Language: English , Tamil
- Open Source Contributor
- Passionate about UI/UX Design Software Development