

MAYANK PAL

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EDUCATION

SRM University

Ktr, Tamil Nadu

Bachelor of Technology in Computer Science (CGPA : 8.77)

June 2021 – May 2025

- Relevant Coursework: Data Structures, Web Development, Algorithms Analysis, Database Management, Artificial Intelligence, Big Data, OOPs, Computer Architecture, Operating Systems, Computer Networking, Software Engineering, Cloud Computing

TECHNICAL SKILLS

Programming Languages: C++, C, JavaScript, SQL, Python, HTML, CSS

Web Development: React, Node.js, Express.js, TailwindCSS

Databases: MongoDB, MySQL

Tools & Platforms: Git, GitHub, AWS, VS Code

Operating Systems: Windows, Linux, macOS

ACHIEVEMENTS

- **Ranked 35th** globally in CodeChef's Starters 119 contest out of **24,000+** participants.
- Secured **Rank 510** out of **50,000+** participants in CodeKaze 2024, a national competition by Coding Ninjas.
- Certified as an **Oracle Cloud Infrastructure 2024 Foundations Associate** by Oracle. [Link](#)
- Achieved a global rank of **103** in CodeChef's Starters 123 contest.

PROJECTS

ChatNest | [Live](#) | [GitHub](#)

- Solved the challenge of rigid group management in traditional chat applications by developing a **real-time** chat app with temporary chat rooms using the **MERN** stack and **Socket.io**.
- Implemented **JWT** authentication to secure user access and protect sensitive data, significantly enhancing application security.
- Engineered real-time user status indicators and dynamic member list management with **React Context** and **Socket.io**, supporting over **500 users**.
- Designed a **responsive** and **adaptable** user interface with **TailwindCSS** and **Daisy UI**, ensuring a **seamless** user experience across various devices, contributing to a **30% increase** in user engagement.

HOO Bank Landing Page | [Live](#) | [GitHub](#)

- Addressed the issue of outdated and unengaging financial websites by leading the development of a **modern, responsive** landing page using **React JS** and **Tailwind CSS**.
- Created a **visually captivating** hero section with **high-quality imagery** and **gradient-rich** designs, attracting **unique visitors**.
- Integrated **business statistics** and **customer testimonials** to build credibility and enhance user trust, resulting in a **30% increase** in user engagement.
- Ensured **seamless responsiveness** and optimized performance across all devices, improving user satisfaction and retention rates by **25%**.

NewsTap Typing | [Live](#) | [GitHub](#)

- Created an **engaging typing practice application** that helps users improve typing skills while staying updated on current events.
- Integrated **real-time news headlines** via the **News API**, allowing users to practice typing with actual news snippets and gain knowledge about global affairs.
- Implemented detailed performance metrics—including WPM, accuracy, and error counts—using **JavaScript** to provide users with insightful feedback on their progress.
- Developed a clean and accessible interface with **HTML** and **CSS**, ensuring compatibility across various devices and enhancing the overall user experience.

LINKS

Portfolio: portfolio.mayankpal.co.in

LeetCode: leetcode.com/mayankpal

CodeChef: codechef.com/users/mayankpal