

Prince Kumar

9122699004 | prince244ca036@nitk.edu.in | linkedin.com/in/prince |

EDUCATION

National Institute of Technology, Surathkal

Master of Computer Application

CGPA: 8.89

Mangaluru, TX

Aug. 2024 – Current

MMHAPU College

Bachelor of Computer Application

Percentage : 80.2

Patna, TX

Aug. 2020 – May 2023

TECHNICAL SKILLS

Languages: C/C++, SQL (MySQL), JavaScript, HTML/CSS

Frameworks: React, Node.js

Developer Tools: VS Code, Visual Studio

PROJECTS

RAGIS Telecom Website (Single-Page React App) | *HTML, CSS, React* Dec. 2024 – Present

- Bootstrapped and maintained a production-grade SPA using Vite, React, and TypeScript—streamlining dev builds `npm run dev` and optimized builds `npm run build` for sub-100ms initial load times.
- Crafted a fully responsive layout (header, hero, services, products, clients, about, contact, footer) via Tailwind CSS and PostCSS, ensuring pixel-perfect rendering across mobile, tablet, and desktop breakpoints.
- Leveraged Framer Motion and custom Three.js-powered `FiberAnimation` React component to animate page transitions and on-scroll effects using `react-intersection-observer`, boosting average session duration by keeping users engaged.
- Implemented a floating WhatsApp widget that opens the user's chat on click, driving a measurable uptick in real-time customer inquiries.

Multi-Client Chat Application | *C++17, Boost.Asio, Makefile, VS Code Debugger* Oct. 2022 – Nov. 2022

- Designed and implemented a TCP-based chat server and console client supporting multiple simultaneous users with non-blocking I/O
- Architected a custom message framing protocol (4-byte length header + 512-byte payload) to ensure reliable packet boundaries and parsing.
- Built a ChatRoom manager that tracks participants, safely enqueues/dequeues messages, and cleanly handles user join/leave events.
- Optimized client and server loops using recursive asynchronous reads/writes, achieving sub-50ms end-to-end message latency under load.

CODING PROFILE

LeetCode: Solved 350+ questions

USACO guide: Completed sheet up to Gold

ACHIEVEMENTS

All India Rank (AIR) 172 in NIMCET 2024: Achieved an impressive AIR of 172 in the NIMCET exam, standing out among thousands of candidates nationwide.