Kartik **Salve**

📞 +91 7506751727 | ✉ kartiksalve.work@gmail.com | 🔗 **kartik-salve1809** | 🌐 **Portfolio Site** | **Github**

Skills

Core Development : C++ | Python | Data Structures | Machine Learning

Back-End Development: MongoDb | Express | NodeJS | TypeScript | Springboot | MySQL

Front-End Development: ReactJs | NextJS | TailWindCSS | JavaScript | HTML5 | CSS | Bootstrap | WordPress

Soft Skills: Team Player | Bias for Action | Deliver Actions

Experience

Team Lead | Fullstack Developer | @Thy Sigma PVT LTD.
Typescript | NodeJs | Linux | Cloud | NestJs   **March, 2025 – Current**

- Created the backend for **Airena, Livestreaming Platform for Sports and Gaming.**
- Enhanced the **development speed by 50%** by delivering the results and completing the tasks before deadline.
- Co-ordinated with the **Founders** to make the app as interesting as possible.
- Understood the working of **RTMPS services** and replicated it with **custom enhancements** to **keep up** with the **industry standards.**

Web Developer | Digital Marketing | Ecommerce Agency   **(Freelance)**
Beyond Bounds | Full-stack Developer | ReactJS | TailwindCSS | Javascript   **(February 2023 – Sept 2024)**

- Designed and developed a Portfolio website for **Beyond Bound Decors** using **HTML5, TailwindCSS, ReactJs.**
- Utilized **MERN** stack to create a visually appealing and functional website.
- Optimized website performance and SEO to improve search engine rankings and user experience.

Projects

Smart Edge Network Topology: **(Repository Link)**

- Developed a Smart Edge Network Topology framework using **Mininet**, **OpenFlow**, and **POX** to **simulate and optimize network performance**.
- Integrated **Machine Learning algorithms** for intelligent traffic routing, **reducing latency** and **improving throughput** in edge computing environments.
- Designed an **automated** data collection pipeline to analyze **network metrics**, enabling real-time decision-making and adaptive topology adjustments.

E-Commerce Website | ReactJS | TailwindCSS | Javascript | Redux | MongoDB | SpringBoot

- Implemented a **user-friendly** frontend with features like **product browsing, cart management, and checkout.**
- Developed a **robust backend** using **SpringBoot** for efficient data management and **API interactions.**
- Integrated **Razorpay** for secure and seamless payment processing.
- Created a comprehensive **admin panel** for **managing users, products, orders, and inventory**.
- **Ensured platform security through robust authentication and authorization mechanisms.**
- **Fully functional**, making it ready for real-world use.   **(FrontEnd Link | BackEnd Link)**

Education

Chhatrapati Shivaji Maharaj Institute of Technology,
Bachelor of Engineering, Computer.
Aug 2021 - Present | University of Mumbai

Certifications

J.P Morgan Software Engineering Virtual Experience Program
Forage – June 2023 | Completed Practical Tasks using J.P Morgan's Frameworks and Tools.

Verzeo Backend Development Internship :
April-2022 to June-2022 |
Successfully completed MongoDB with NodeJS live projects from Immensphere.

Web 5 fundamentals and Data ownership | Udemy
January 2023
Successfully completed MongoDB with NodeJS live projects from Immensphere.

Coursework

Data structures and Algorithms
Linear Algebra
Differential Equations
Web Development
Software Development
System Design
Applied Statistics
Machine Learning