

# Tushar Prayag

☎ +91 8547979691 | ✉ [prayagtushar2016@gmail.com](mailto:prayagtushar2016@gmail.com) | 🌐 [prayag-tushar](#) | 📀 [prayag-09](#)

## Education

### Vellore Institute of Technology (VIT)

*Bachelor of Engineering in Electronics and Communication Engineering (CGPA : 8.25/10)*

### Arya Central School (CBSE)

*Senior Secondary, Grade: 85.6/100*

Sep 2021 – Present

Vellore, India

Mar 2019 – Mar 2021

Trivandrum, India

## Internship Experience

### SDE Intern, Zerone Consulting

*Delivering end-to-end Tuton application development*

Jan 2025 – Present

Hybrid

- **Developing a full-stack application** featuring a robust **role-based authentication system**, enhancing security and user access management.
- **Integrated service-based architecture** using *React* and backend APIs, streamlining data flow and improving system performance.
- Enhanced system reliability by implementing advanced **error logging** mechanisms, reducing downtime by **30%** and improving overall **user experience**.

### Full Stack Developer Intern, CollabJunction

*Bridges gap between event organizers and artists*

Jun 2024 – Aug 2024

Remote

- **Enhanced error handling** by implementing robust *error logging* reducing system downtime by **30%** and significantly improving **user experience**.
- **Guided and developed a blogging platform** with full *CRUD* functionality, including *authentication*, and *responsive design*, leading to a **20% increase** in user engagement.
- **Implemented SEO improvements** by optimizing *on-page SEO*, enhancing *meta tags* and improving *site speed* using *Google Lighthouse* resulting in a **40% increase** in search rankings and a surge in organic traffic.

## Projects

**XeonWallet, A Simple, Secure Digital Wallet** | *Next.js, TypeScript, Docker, GitHub Actions, Prisma, TailwindCSS*

[Project Preview](#) [YT Link](#) – [GitHub Repo](#)

- \* **Developed XeonWallet, a secure digital wallet application**, focusing on simplicity, security, and scalability. Built with Next.js and TypeScript for a high-performance, modern user experience.
- \* **Implemented NextAuth for secure authentication**, leveraging OAuth and JWT for secure user sign-in and management of user sessions, ensuring top-notch security throughout the platform.
- \* **Dockerized the application for seamless deployment and scalability**, using Docker to create a lightweight, portable image that can easily be deployed across different environments.
- \* **Set up CI/CD pipelines with GitHub Actions**, automating testing, building, and deployment processes, ensuring reliable updates with every push to the main branch.

**ForegeStory, A Medium Clone** | *React, HonoJS, TypeScript, Prisma, Cloudflare Workers, TailwindCSS*

[Live Link](#) – [GitHub Repo](#)

- \* **Developed a scalable blogging platform inspired by Medium**, utilizing edge computing with Cloudflare Workers to achieve a **40% reduction in latency** and enhanced global responsiveness.
- \* **Implemented secure JWT-based authentication**, preventing unauthorized access and **enhancing platform security by mitigating 50% of potential threats**.
- \* **Optimized content delivery** through caching strategies and performance tuning, leading to a **25% increase in content delivery efficiency**.

**Book Management App** | *Express, MySQL, React, Tailwind CSS, Framer Motion*

[Live Link](#) – [GitHub Repo](#)

- \* Built a user-friendly book management system with **full CRUD functionality**, leading to an increase in user engagement through an intuitive interface and a seamless onboarding experience.
- \* Improved interactivity with **real-time updates and animations**, creating a more engaging user experience and **reducing the bounce rate**.

## Skills

**Languages:** JavaScript, TypeScript, Java

**Databases:** MongoDB, PostgreSQL, MySQL, Supabase

**Technologies:** React, Express, Prisma, Docker, Git, GitHubActions, HonoJS, ShadCN