

Parlakshit Tyagi

Email — LinkedIn — GitHub — LeetCode — +91 9045111609

Work Experience

QSS Technosoft

Dec 2024 – Present

SDE1

Onsite

- Developed a scalable **Quality Circle** platform using **Node.js, Angular 20, and TypeScript**, enabling competition tracking, project workflows, approvals, and analytical dashboards. Delivered seamless enterprise integration through **Microsoft Graph** and internal APIs.
- Contributed to full-stack development for large-scale products such as **Neom**, enhancing event management workflows using **React.js, Node.js, PostgreSQL, Tailwind CSS, and Redux**. Optimized authentication by improving **OAuth 2.0** login performance by 60% using Passport.js, JWT, and secure HTTP-only cookies.
- Collaborated closely with product managers, designers, and QA teams to deliver features on schedule while maintaining high standards of code quality, performance reliability, and consistent user experience across the full development lifecycle.

Technical Skills

- **Languages:** Python, C/C++ with DSA, TypeScript, JavaScript
- **Databases:** MongoDB, PostgreSQL, SQL
- **API/Backend:** Node.js, Express.js
- **Frontend:** React.js, AngularJS, HTML, CSS, Redux, Tailwind CSS, Bootstrap
- **Frameworks:** SPFx, SharePoint Framework
- **Tools:** Git, GitHub, VS Code, Vercel, Render
- **Technologies:** API Integration, REST APIs
- **Deployment:** GitHub Pages, Vercel, Render
- **Core CS Subjects:** Operating Systems, Computer Networks, DBMS

Projects

Quality Circle / Continuous Improvement Platform

2024 – 2025

- Built an enterprise-grade Quality Circle platform using **Angular 17**, Node.js, and TypeScript to support competition tracking, project submissions, approval workflows, and interactive dashboards.
- Integrated seamless data flow using **Microsoft Graph API** and internal enterprise APIs, enabling secure and scalable collaboration across teams.
- Improved workflow efficiency with a **40% faster approval cycle**, **55% better data processing**, and a significantly more responsive UI, supported by 95%+ test coverage.

Neom — Event Management Platform

2024 – 2025

- Developed a full-stack event platform using **React.js, Node.js**, and **PostgreSQL**, enabling event creation, booking, user management, and real-time updates.
- Enhanced authentication with **OAuth 2.0 + JWT** and secure HTTP-only cookies, improving login reliability and performance by 60%.
- Integrated **Cloudinary** for media uploads and **Stripe** for payment processing, supporting 20+ secure monthly transactions.

Pedagogx — Learning Platform

2024

- Built a MERN-based online learning platform enabling real-time communication for educators through interactive dashboards and responsive UI.
- Integrated **Razorpay** for secure payments and Cloudinary for managing 50+ educational media assets.
- Improved user engagement by 40% with optimized content workflows and role-based access features.

Education

Madan Mohan Malaviya University of Technology

Dec 2021 - May 2025

B.Tech in Computer Science, CGPA: 7.80/10.0

Gorakhpur, Uttar Pradesh

Jawahar Navodaya Vidyalaya

Aug 2019 – Mar 2020

Secondary Education, CGPA: 9.3/10.0

Saharanpur, Uttar Pradesh