

Parlakshit Tyagi

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Work Experience

QSS Technosoft <i>SDE1</i>	Dec 2024 – Present <i>Onsite</i>
<ul style="list-style-type: none">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	Frameworks: SPFx, SharePoint Framework
Databases: MongoDB, PostgreSQL, SQL	Tools: Git, GitHub, VS Code, Vercel, Render
API/Backend: Node.js, Express.js	Technologies: API Integration, REST APIs
Frontend: React.js, AngularJS, HTML, CSS, Redux, Tailwind CSS, Bootstrap	Deployment: GitHub Pages, Vercel, Render
	Core CS Subjects: Operating Systems, Computer Networks, DBMS

Projects

Quality Circle / Continuous Improvement Platform	2024 – 2025
<ul style="list-style-type: none">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
<ul style="list-style-type: none">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.	

Pedagox — Learning Platform	2024
<ul style="list-style-type: none">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 <i>B.Tech in Computer Science, CGPA: 7.80/10.0</i>	Dec 2021 - May 2025 <i>Gorakhpur, Uttar Pradesh</i>
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Jawahar Navodaya Vidyalaya <i>Secondary Education, CGPA: 9.3/10.0</i>	Aug 2019 – Mar 2020 <i>Saharanpur, Uttar Pradesh</i>
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