

Software Engineer at Genesis Technologies with 1+ years of experience in Frontend, Backend, and Full Stack Development. Skilled in building scalable web applications, writing clean and maintainable code, and delivering robust software solutions across the development lifecycle.

## Experience

Associate Software Engineer	Genesis Technologies	Jul 2024 - present
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- Migrated client-side pagination to server-side, **reducing API calls by 45%**, significantly **improving application performance**.
- Developed an **image cropper** and **modularized** the APIs for reuse across multiple modules, **increasing code reusability**.
- Centralized **constants** across frontend and backend, **reducing code redundancy by 10%** and **enhancing maintainability**.
- Architected HR Cash Management System that cut **paperwork by 60%**, enabled real-time updates by state (+9% efficiency).
- Automated **approvals**, reducing manual backlog by **15%**, and moved inline styles to a centralized styling layer for **scalability**.
- Built and integrated a **bulk user import** feature in Pegasus, **cutting manual onboarding by 70%** and **improving efficiency**.
- Deployed filterable interactive charts to **visualize project contributions** over **1 year, 6 months, 3 months, and 1 month**.
- Engineered a centralized **internet reimbursement workflow** integrated with payroll systems, **cutting manual effort by 40%**.
- Implemented **custom filters** on User Details and Mediclaim pages to streamline data access, **reducing search time by 50%**.
- Conducted a **code review session with 20+ developers**, focusing on **industry-level coding standards**, best practices.

Martian Summer Intern	Persistent Systems	Jun 2023 - Aug 2023
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- **Facilitated** as a summer intern at Persistent Systems, acquired hands-on experience through enhancing **skills and knowledge**.
- Enhanced technical proficiency in **DSA, Linux, and DBMS**, and gained **hands-on** in real-world **SDLC** and **agile collaboration**.

## Technical Skills

Programming Languages :	C++, Data Structures and Algorithms, HTML, CSS, JavaScript, TypeScript, React JS, Next JS, Nest JS, Redux Toolkit, Redux Saga, Vue JS
Tools and Technologies :	Bootstrap, Canva, VS Code, Git, Github, Gitlab, Postman, MySQL, MongoDB Compass
Coursework :	OOPS, Operating Systems, Computer Networks, Database Management Systems, SQL
Familiar with :	Python, Machine Learning, Linux, Spring Boot, Java
Management :	Team Leading, Project Management, Teaching

## Projects

- **Typing Speed Test** : Developed a full-stack typing test platform with **3 difficulty levels and 2, 3, and 5-minute tests**; streamlined real-time scoring, **leaderboard rankings**, **personalized performance dashboard** with graphical history, automated test score emails, and suggestions to improve **typing speed and accuracy**.  
Technologies : Next.js, NestJS, Redux Toolkit, Redux Saga, MySQL, Postman, NodeMailer, Git, GitLab, Canva
- **NotePad** : Programmed a responsive **NotePad website** for editing and saving text with real-time updates, persistent state management for seamless user experience across sessions, enabling users to quickly **create, update, and retain notes**.  
Technologies : Next JS, Redux Toolkit, Redux Saga, CSS, Github, Canva
- **Kisan Maitri** : Designed and standardized an **end-to-end platform** that enabled **farmers to sell agricultural products** directly from home without **intermediaries**. This reduced **costs by 25%**, saved time, and significantly improved productivity.  
Technologies : HTML, CSS, JavaScript, Canva, Github

## Profile Links

[GeeksforGeeks](#) [Hackerrank](#) [Leetcode](#) [Github](#) [Portfolio](#)

## Achievements and Volunteering Experience

- Solved 600+ problems on GeeksforGeeks and Leetcode platform. Participated in the **ICPC coding contest**.
- Awarded Gold Medal for 1st rank in academics at the **Institute level** for outstanding performance in coursework and exams.
- Secured 5 star rating on Hackerrank and 2 star rating on Codechef, successfully merged 11 PRs during **Hacktoberfest**.
- Achieved 1st rank in **OPTUS Coding Challenge** by winning it and awarded as **MP Tourism Quiz winner** at district level.
- Reached finalist stage in JJC Jabalpur Hackathon (**Top 50**) and RISE Jhansi Hackathon (**Top 38**) among hundreds of participants.
- Achieved Gold Medal in TechFest IIT Bombay Digital Marketing internship for securing **31 rank** in the internship.
- NSCC GGCT : Established and led NSCC GGCT Chapter, Led a team of **25 members** and organized **coding competitions**.

## Education

Gyan Ganga College of Technology, Jabalpur	B.Tech	9.13 CGPA	(2020-2024)
Government Higher Secondary School, Borikalan	12th	90.20%	(2019)