

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

- **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

- **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 JIC 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)