SWAPNIL VERMA

📞 (+91) 871-989-8913 | ✉ swapnilverma278@gmail.com

Software Developer | Full Stack Web Developer | DevOps Engineer

in /swapnil-verma   ⬤ /SwapnilVerma   </> @SwapnilVerma

CAREER SUMMARY:

B.Tech student at NIT Rourkela with a strong foundation in web development using the **MERN** stack and DSA, with proficiency in C++. Skilled in building full-stack applications and managing SQL and NoSQL databases. Keen interest in **backend development**, APIs, and scalable system design.

WORK EXPERIENCE:

Participant – Google Solution Challenge 2025

Role : Full Stack Developer | Project: AI-Powered Test Generator & Evaluator
- Built an AI-powered platform that auto-generated and evaluated MCQ tests, reducing manual workload by 70%.
- Developed an AI model to evaluate student responses and provide instant feedback.
- Addressed UN SDG 4 (Quality Education) and tested the solution with over 30 trial users and multiple datasets.

Participant – NIT Rourkela June Cohort 2025

Role: Backend Developer | Project: Baymax
- Developed and integrated 10+ backend APIs for voice-based booking, user authentication, and data retrieval.
- Managed database design and backend logic handling 50+ test user interactions during demo.
- Collaborated with 3 teammates across frontend and AI modules to deliver a fully functional MVP in under 10 days.

KEY HIGHLIGHTS:

Technical Team Member at **Algorithmic and Programming Society NITR**
- Participated in many competitive programming contests & crowd management at club events

Graphic Designing Team Member at **AstroNITR**
- Managed the Instagram handle of the club by designing weekly posts and newsletters.
- Crowd management during on-campus and off-campus club events.

MUN Delegate and Content Writer at **Cognizen Club NITR**

RELEVANT PROJECTS:

Baymax – *AI-Powered Medical Assistant Web App | 16 June, 2025 - 25 June, 2025*
- Built a full-stack medical app with voice-based appointment booking using speech-to-text.
- Implemented secure user authentication and role-based access for doctors and patients.

TypeGame – *Typing Speed Mini-Game | 13 May, 2025 - 14 May, 2025*
- Developed a typing game that tracks speed using random text prompts.
- Implemented real-time feedback and score tracking with smooth React UI.
- Stored user scores and names in a MongoDB-powered high score leaderboard.

EDUCATION:

Metallurgical Engineering	**National Institute of Technology, Rourkela**	CGPA-8.50	2024-28
Class 12th	Vikash The Concept School, Sambalpur| 92.4%	2023-24

SKILLS:

- Web Development - MERN Stack (MongoDB, Express.js, React.js, Node.js)
- Database Management: MySQL, PostgreSQL, MongoDB
- Data Structures & Algorithms: Proficient in C++ (Competitive programming, Problem-Solving)
- Tools & Platforms: Figma, Canva, Git, GitHub, VS Code, Postman, Linux (basic)
- Programming Languages: C++, C ,JavaScript (ES6+)