

# Tanmay Vijay Patil



Final Year B.Tech(honours) student in EE with CSE at - [Indian Institute of Technology, Bhilai](#) (CGPA- 8.43)

<https://tanmaypatil.me>    @ patiltanmay@iitbhillai.ac.in    9021928939, 9766277019    Aurangabad, Maharashtra

Bringing proven experience in designing and implementing scalable, efficient and maintainable software solutions with contributions to a **government project**. An innovative software enthusiast skilled in multiple programming languages, **problem-solving**, **full-stack development** and familiar with agile methodologies. Passionately staying up-to-date with emerging technologies and eager to **collaborate** with cross-functional teams.

## Internship Experience

SDE Intern at Saeternus (September 2022 - January 2023)

Live at: <https://ems2.eci.gov.in>

- Developed **EVM Management System** and implemented user-friendly interfaces using React.js and libraries.
- Integrated interactive **India map** for detailed state-level information with simple click interactions. *(Demo)*
- Proficiently handled front-end and back-end development of **file uploads** and profile picture changes.
- Demonstrated adept teamwork, communication and resilience throughout critical project completion.

Web Developer Intern at HaJo (March-April 2022)

- Created a responsive and dynamic blog website for HaJo using Next.js.
- Implemented a user-friendly text editor with advanced styling options for effortless customization. *(Try)*

## Projects

Automatic Mailing System: [github.com/tanmay0502/Email-Automation-EE-lab](https://github.com/tanmay0502/Email-Automation-EE-lab)

- Modernised Google Apps Script to streamline and automate component management for institute's **Electrical Engineering Lab**, facilitating efficient issuance and return processes.
- Implemented features such as reminder emails, partial and full return handling and real-time notifications.
- Project **significantly improved** the lab operations saving time for students and lab staff.

Peer2Peer: <https://github.com/tanmay0502/p2pFront>

- Created an innovative e-commerce website using Next.js 13, using experimental features "**Server Actions**" extensively delving into the **documentation** due to limited resources of new Next.js version.

## Achievements

- Project vAldya got selected in Global top 50 of Google Solution Challenge 2022
- Consistently solving Problem of the Day for more than **250** consecutive days on GeeksForGeeks. *(View Profile)*
- Built EVM management system a **government project** for Election Commission of India from scratch (2022-2023)

## Skills

- C++, Python, SQL, React.js, Node.js, Next.js-14, React-Native, Django
- GitHub, MongoDB, Firebase
- Data Structures, DBMS, OS, CN, Object Oriented Programming

## Position of Responsibilities

- Mentor Coordinator, SMP 2022-23, IIT Bhilai  
→ Led a team of 27 mentors in organizing a successful offline orientation program for incoming freshers.
- Class Representative (CR), EE-2020, (2022-Present)  
→ Spearheading solutions for challenges faced by a batch of 49 students, ensuring a conducive environment.
- Secretary, Astronomy Division, S.E.S, IIT Bhilai (2021-22)  
→ Led a team of 5 core members, coordinating diverse activities and achieving a significant milestone with the implementation of automatic telescope tracking and aligning. Learned photo and video editing. *(SES page)*
- Core Member, Google Developer Student Club(2021-22), Student Mentor, SMP (2021-22)