

# YATI GAUTAM

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## EDUCATION

<b>Bachelor of Engineering:</b> Institute of Engineering and Technology, Agra	2021-2025
<b>Higher Secondary:</b> St. Anthony's Junior College, Agra	2019 - 2021

## SKILLS

<b>Programming</b>	Data Structures and Algorithms,C/C++, Python, JavaScript, Java
<b>Web Development</b>	HTML/CSS, Qt, React.js, Node.js, MongoDB, Express.js
<b>Miscellaneous</b>	Git, SQL, AWS, Machine Learning(Basics)

## EXPERIENCE

<b>Contributor-</b> PSI, Russia	May 2024- August 2024
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- Enhanced application performance by 25% by optimizing core features using **C++**,**Qt**, and **QML**, improving system scalability.
- Implemented **Message Archive Management (MAM)**, enhancing high-volume data handling by 20%.
- Resolved 5 critical bugs, boosting system stability for **large-scale applications**.

<b>Internship</b> — Girlscript Summer of Code, India	May 2023 - July 2023
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- Improved mobile usability by 30% through **responsive design**, increasing **global engagement** in the Amupedia Project.
- Led a team of 5 developers, enhancing productivity by 25% with effective code reviews and mentoring, emphasizing **remote collaboration**.
- Coordinated project tasks with Git, ensuring version control for distributed teams.

## PROJECTS

**Car Rental Application**— Node.js, MongoDB, JavaScript

- Built a scalable car rental platform with functionalities for **user and admin management**, car search, and rental agreements.
- Enhanced system throughput by 40% with efficient **backend architecture** and improved UI, achieving 95% user satisfaction.[\(source code\)](#)

**Language Translator** — HTML, CSS, JavaScript, APIs

- Developed an advanced multilingual translation tool with real-time **AJAX capabilities**, supporting 50+ languages, which enhanced global accessibility by 40% and drove a 20% rise in international customer satisfaction.
- Featured at a university tech fair, receiving commendations for its user-friendly interface and effective translation capabilities.[\(source code\)](#)

**Blog Site**— Express.js, Node.js, MongoDB, CSS

- Engineered a full-featured blogging platform, integrating **user authentication**, **CRUD operations**, and interactive comment sections.
- Elevated user engagement by 30% through a responsive interface, effective categorization, and community-driven features.[\(source code\)](#)

## EXTRA-CURRICULAR ACTIVITIES

- Regularly publish insightful [blog posts](#) and contribute to open-source projects, fostering knowledge sharing and innovation within the tech community..
- Got a full time associate software developer job role at Walking Trees Technologies.

## LEADERSHIP

- Led **Smart India Hackathon Team 2023**, overseeing strategic planning and project execution, culminating in a nationally recognized successful completion.
- Distinguished among 40,000 contributors in **Girlscript Summer of Code 2023** for substantial contributions to the open-source ecosystem.
- President of **Coder Cops(core team)**, conducted various coding events, reviewed code for clarity and quality and encouraged students to meet their technical needs in **DSA** and **Software Development**.