



Shivam Agrawal

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B.Tech - Computer Science and Engineering
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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. Major	Indian Institute of Technology, Guwahati	9.04 (Current)	2021-Present
Senior Secondary	CBSE Board	97.6%	2021
Secondary	CBSE Board	98.8%	2019

PROJECTS

- Internship Application Website** Mar. 2023 - July. 2023
Personal Project <https://t.ly/GetIntern>
 - Used **MERN stack** to develop a website to add internships and apply for them by submitting your resume.
 - Data is stored using **MongoDB**, **multer** and **Cloudinary API**, and authentication is done using **JWT**.
- Online Marketplace Website** Jun. 2023 - July. 2023
Personal Project <https://t.ly/MarketPlace>
 - Made an online marketplace where people can buy and sell items, using **Django** and styled by **Tailwind CSS**.
 - Features include **Authentication**, **Communication** between users, and item **Dashboard** and **Customizations**.
- AI Tweet Generator** Jun. 2023 - July. 2023
Personal Project <https://t.ly/TweetGenerator>
 - Made an AI powered tweet generator, using **NextJS** and **OpenAI's API**, and styled by **Tailwind CSS**.
 - Users can set the **character limit** as well as the **tone** of the tweet.
- RIC 2023 Website** Mar. 2023 - May. 2023
Research and Industrial Conclave, IIT Guwahati <https://www.ric.iitg.ac.in>
 - Built the official RIC website, which saw 1000+ registrations across events.
 - Added **Announcements Tab**, **Image Carousels** and **Speaker** page of the website.

POSITIONS OF RESPONSIBILITY

- WebOps and Content Head:** E-Cell, IIT Guwahati Mar. 2023 - Present
 - Leading a team of 12 to build and manage the official websites of E-Cell, IIT Guwahati and Udgam 2024
- Web Developer:** Students' Web Committee, IIT Guwahati Mar. 2023 - Present
 - Working with cross-functional teams to manage project requirements from the Admin, Senate and SWC
- Web Coordinator:** Research and Industrial Conclave, IIT Guwahati Mar. 2023 - May. 2023
 - Worked in a team of 4 members to develop and manage the official website of RIC 2023

TECHNICAL SKILLS

Programming Languages: C, C++, Python*, JavaScript **Frontend:** ReactJS, NextJS, Bootstrap, Tailwind
Backend: NodeJS, ExpressJS, Django*, JWT Auth **Database Management:** MongoDB, MySQL*

* Elementary proficiency

KEY COURSES TAKEN

- Computer Science:** Data Structure and Algorithms, Database Management Systems, Computer Organisation and Architecture
- Mathematics:** Linear Algebra, Basic Calculus, Discrete Mathematics, Probability & Random Processes
- Machine Learning:** Supervised Machine Learning by DeepLearning.AI, Pandas by Kaggle

ACHIEVEMENTS

- Department Rank 1, EEE:** Changed my branch from **EEE to CSE** by securing **9.60 CPI** at the end of 1st year. 2022
- CodeChef Starters 70:** Secured **Global Rank 101** among 3800+ candidates in a coding contest. 2022
- CodeChef Starters 68:** Secured **Global Rank 244** among 14000+ candidates in a coding contest. 2022
- Product Management Expedition 2022:** Qualified for the final round by securing a position in the **Top 20** teams among a total of 600+ teams across the country. 2022
- Creative Shock 2022:** Our team Pplofoculture secured **Global Rank 31** among more than 1000 participants across the globe in a business case competition. 2022
- JEE Advanced 2021:** Secured **AIR 1805** among 0.15 million candidates appearing for the test 2021
- JEE Mains 2021:** Secured **AIR 578** among 2.2 million candidates appearing for the test 2021