

# AYUSH SHANKAR

Delhi, India

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📄 [StackOverflow](#)

## Education

**Maharaja Surajmal Institute of Technology**

Aug. 2018 – July 2022

*Bachelor of Technology in Information Technology*

CGPA: 9.0

## Experience

**GroundTruth — WeatherBug**

July 2022 – Present

*Software Development Engineer*

Delhi

- Worked on adding chirp sound notifications for specific notifications for **premium users**, enhancing engagement for **10,000+** users.
- Optimized backend deployment tools to use cost-efficient VMs, reducing expenses by **2500USD/month**.
- Worked on various APIs to upgrade them from dot net 1.1 to dot net 3.1 .
- Worked on various GIV(Maps) layers by implementing lambdas and sending SQS notifications to the client side using NWS' data

**Google Summer of Code 2023— Processing Foundation**

May 2023 – Aug 2023

*Open Source Developer*

Delhi

- Worked on **Friendly Errors System(FES)** - Implemented a logic to correct an existing issue for FES which was causing the system to display incorrect links to the user.
- Added i18n translation to the system for **Hindi Language**.
- Researched various FES functions and their respective implementations throughout p5.js repository and created a **flowchart** for the same.
- Worked on **Documentation** of FES and also updated main p5.js Readme that helps a future contributor set up p5.js locally and enable the contributor to make changes and create a new Pull Request.

**GroundTruth — WeatherBug**

Jan 2022 – May 2022

*SDE Intern*

Delhi

- Developed an **Api Capacity Report** to fetch details about various APIs hosted on AWS in order to automate managing API's parameters.
- Created **models** to store the fetched data.
- Incorporated various AWS Methods in order to fetch the required parameters.
- Exported the data to excel format using NuGet package **npoi**.

## Projects

**MSIT Updates - Deliver latest msit's updates via email** | *NodeJs, EJS, heroku, cheerio, nodemailer*

April 2020

- Developed an automatic email notifier using NodeJs and cheerio(as a scraping tool) in order to notify about the latest notices/news of my college to registered students via email
- Used **Cron jobs** to schedule the program to execute automatically at 12 AM and 12 PM every day in order to check for any updates on college's website.(Notified about **100 registered students**)
- The latest notices and news are stored in a MongoDB cluster.

## Technical Skills

**Languages:** C++, JavaScript, C#

**Technologies/Frameworks:** Node.js, Express.js, MongoDB, .NET Core, Git, Jenkins

**Cloud:** AWS (CloudFormation, EC2, Lambda, S3)

## Extracurricular

**Open Source Contributor**

Jan 2021 – Apr 2022

*Developer*

GNOME

- \* Worked with GNOME UI websites framework
- \* Created **Gulp Task** to watch changes in the CSS library source and rebuild it on-demand.
- \* Enforce Gnome commit guidelines using **Husky v6**