

Gaurav Agrawal

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Dedicated computer science student with a strong command of Python and C++. Seeking a role as an entry-level software developer. Eager to bring the ability to develop, test, and maintain software to a team that values innovation.

📁 Work Experience

Python Developer (Intern), Shatterdome Pvt. Ltd. 02/2023 – Present | Pune, India

- Our team's job was to develop **step-by-step** mathematical solutions using Python, and then implement these solutions using a platform provided by the company. **Total Solutions Completed: 15** <https://dev.solverchef.com/> 📄
- Python (Sympy), Docker, Git, GitHub, MongoDB, SCRUM, Microsoft Suite, LaTeX, and Regex.**

Project Intern, _VOIS 📄 08/2022 – 09/2022 | Remote

- For the company's **All-India Innovation Marathon**, our team developed a machine learning project called '**Early Fire Alert System**' with an accuracy of approximately **94%** using the algorithm '**Random Forest Classifier**'.
- Python, HTML/CSS/JS, Bootstrap, Machine Learning, Data Science, GitHub and Heroku.**

🎓 Education

B.E. Computer Engineering, 2020 – 2024 | Pune, India

JSPMs Jayawantrao Sawant College Of Engineering

- Aggregate SGPA - 8.34/10.00

🧠 Skills

Languages:

Python, C, C++, Java (Core)

Database Management System:

MySQL, MongoDB

Technologies:

Docker, AWS(EC2, S3 & Lambda), Data Science, Machine Learning, Flask(Basics), Flutter(Basics)

Others:

Jira (SCRUM), Git, Github, Postman, Fly.io, LaTeX, Regex, Linux, Microsoft Suite

📁 Projects

The Phoenix Project 07/2023 – Present

- With my team we are developing **self-healing software** that uses automation tools to detect and fix software failures.

Spotify Scraper 📄 07/2023 – Present

- Developing **cross-platform** applications that **scrape, convert, store, and download** Spotify **playlist/album/song** content locally on the user's machine with proper metadata.
- Python, Flet(Flutter for Python), Docker, Jira, Spotify API, YouTube Data API, Postman, Git & Github.**

Chat Application 📄 05/2023 – 05/2023

- Designed a **Flutter login page** and **chat interface** during the LinkedIn course as part of my learning journey.

Early Fire Alert System 📄 09/2022 – 10/2022

- Our team developed a **94% accurate** app to **detect fires earlier** than older systems, ideal for **IOT system backends**.
- Python, ML, Data Science, Heroku, Git, & GitHub.(Tkinter, Pandas, SKLearn, Matplotlib, Seaborn, etc)**

🏠 Activities

Google Developer Students Clubs, Competitive Programming Lead 📄 09/2022 – 07/2023

- In my role, I've led DSA sessions, managed Hacktoberfest 2022's GitHub repo, and approved 200+ PRs.

Training & Placement, Coordinator 08/2022 – 06/2023

- We handled campus drives for companies like _VOIS, Justdial, Flextrade, Capgemini, Hexaview, and more.

DSA December Competition, Event Coordinator 12/2022

- I oversaw and administered a month-long college competition focused on DSA, where I dispatched questions.

C Programming Course, Mentor & Coordinator 02/2022 – 06/2022

- Our team delivered C programming lectures to our juniors for approximately 5 months.

🎮 Interests

Strategic Games • Astronomy • Content Writing