

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, then implement these solutions using a platform provided by the company. **Total Solutions Completed: 15** <https://dev.solverchef.com/> ✕
 - Python (Sympy), Git, GitHub, MongoDB, SCRUM, Microsoft Suite, LaTeX, and Regex.**
- Machine Learning 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 CGPA - 8.12/10.00

🧠 Skills

Languages:	Database Management System	Technologies:	Others:
<ul style="list-style-type: none">PythonC & C++Java (Core)Javascript (Basics)	<ul style="list-style-type: none">MySQLMongoDB	<ul style="list-style-type: none">Data ScienceMachine LearningFlask (Basics)Flutter (Basics)	<ul style="list-style-type: none">LinuxGit & GithubREST & Fast APILaTeX & Regex

📁 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** 06/2023 – 07/2023
- I **scraped, converted, stored, and downloaded** Spotify playlist content locally, then **losslessly compressed** them using the **CaaS library** in Python.
 - Python, Spotify API, Flask, HTML/CSS/JS, Git, and Github.**
- Early Fire Alert System** ✕ 09/2022 – 10/2022
- My team built a **94% accurate** web app to **detect fires earlier** than older systems, ideal for **IOT system backends**.
 - Python, ML, Data Science, HTML/CSS/JS & Git/GitHub. (Tkinter, Pandas, SKLearn, Matplotlib, Seaborn, etc)**
- Football Match Prediction** ✕ 08/2022 – 09/2022
- My team developed a **97% accurate** prediction app using the **Logistic Regression** algorithm to determine winners.
 - Python, MySQL, ML, Data Science & GitHub (Tkinter, Flask, Pandas, Sci-Kit Learn, Matplotlib, 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

Video Games • Music • Travelling