

# 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.**
- 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 SGPA - 8.34/10.00

## 🧠 Skills

Languages:	Database Management System:	Technologies:	Others:
<ul style="list-style-type: none"><li>Python</li><li>C</li><li>C++</li><li>Java (Core)</li></ul>	<ul style="list-style-type: none"><li>MySQL</li><li>MongoDB</li></ul>	<ul style="list-style-type: none"><li>Data Science</li><li>Machine Learning</li><li>Flask (Basics)</li><li>Flutter (Basics)</li></ul>	<ul style="list-style-type: none"><li>Postman</li><li>Jira (SCRUM)</li><li>Git &amp; Github</li><li>LaTeX &amp; Regex</li></ul>

## 📁 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** application that **scrape, convert, store, and download** Spotify **playlist/album/song** content on users machine locally with proper metadata.
  - Python, Flet(Flutter for Python), Docker, Jira, Spotify API, YouTube Data API, Fly.io, 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

Video Games • Music • Travelling