



SHIVAM GUTGUTIA

Developer, Computer Science Engineer

 [Portfolio Link](#)

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SUMMARY

I am a 3rd-year Computer Science student at Vellore Institute of Technology, ranking among the top 20 in a cohort of 3000-4000 CS students, with a CGPA of 9.62 out of 10. I have hands-on experience as an Analytics Intern at CES IT Pvt Ltd, where I worked on Machine Learning and Deep Learning projects using Python. My skills extend to backend programming using Flask and Node JS. Competitive programming and learning new technologies fuel my passion.

As the Chairperson of CodeChef-VIT, I led and collaborated with other programmers in various initiatives, honing my leadership and teamwork skills. I seek a software developer role that allows me to apply my passion and expertise in creating websites, applications, and backend solutions. I am eager to join a team-oriented environment where I can contribute to innovation and growth.

SKILLS


Languages: C/C++, Python, Java, SQL, JavaScript


Machine Learning: Numpy, Pandas, Matplotlib, Keras, Sci-kit learn

WebDev: Flask, Node, SQL, PostgreSQL, MongoDB

DevOps: Git, GitHub, Docker, Google Cloud Platform

PROJECTS

Web Dev **Contactify**  [/shivamgutgutia/Contactify](#)
The Contact File Backend Service seamlessly uploads, processes CSV, XLSX, XLS or ODS contact data, extracting details to compile a unified VCF file compatible with Android and iOS, simplifying cross-platform contact management.
Tech Used: Python, Flask, vObject library, Pandas, Docker, GitHub Actions, Google Cloud Run

Internet of Things **MQTT-Home Automation**  [/shivamgutgutia/MQTT-HomeAutomation](#)
The simulation demonstrates how you can control home appliances from your phone using a simple protocol called MQTT. It can further be improved by adding sensors that can automatically trigger certain actions.
Tech Used: Cisco Packet Tracer, MQTT, Python

EXPERIENCE

August 2023 - December 2023 **Analytics Intern** [CES IT Pvt Ltd](#)

- Studied new technologies for Machine learning and Deep learning applications.
- Designed, implemented, and evaluated prototypes solving problems in ML and systems engineering.

Keras / Scikit-Learn / Numpy / Pandas / Matplotlib

EDUCATION

September 2021 - Current **Btech in Computer Science and Engineering** [Vellore Institute of Technology](#)
CGPA: 9.62
Course Work: Data Structures and Algorithms, Database Systems, Operating Systems, Computer Network, Computer Architecture and Organization

May 2019 - June 2020 **Higher Education** [Modern Senior Secondary School](#)
Percentage: 95.4%

May 2017 - June 2018 **Secondary Education** [Modern Senior Secondary School](#)
Percentage: 95.8%

AFFILIATIONS

Chairperson at CodeChef-VIT Core Member at Ayuda NGO -

CERTIFICATIONS

- Programming Foundations with JavaScript, HTML and CSS by Duke University - [Verify certificate](#)