

Jayati Shrivastava

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EDUCATION

BACHELOR OF TECHNOLOGY

INDIAN INSTITUTE OF TECHNOLOGY (IIT) ROORKEE
BTech in Electrical Engineering
2nd yr | Expected: 2022
CGPA: 9.19 / 10

SENIOR SECONDARY EDUCATION

VIVEKANANDA PUBLIC SCHOOL
Central Board of Secondary Education
Marks: 95%

SECONDARY EDUCATION

SOPHIA SECONDARY SCHOOL
Central Board of Secondary Education
CGPA: 10 / 10

LINKS

Github: [victorphoenix3](#)
Phabricator: [JayatiShrivastava](#)
LinkedIn: [jayatishrivastava](#)

SKILLS

Languages: Python, C/C++, PHP, JavaScript, MATLAB

Web: Django, Flask, React, Jekyll, HTML, CSS, Apache2

Database: PostgreSQL, MySQL, SQLite

Version Control: Git, Mercurial

Others: Vim, Shell Scripting, Simulink, Altium, LTspice, LaTeX, Markdown

COURSEWORK

Network Theory
Computer Programming and Numerical Methods
Microprocessors and Peripheral Devices
Digital Electronics
Analog Electronics
Design of Electronic Circuits
Mathematical Methods
Machine Learning by Andrew Ng
Engineering Analysis and Design

EXPERIENCE

FIREFOX, MOZILLA | OPEN SOURCE CONTRIBUTOR

Mar 2020 - Present | [Link to patches](#)

- Worked on Firefox Desktop Frontend, browser security, certificate error pages and site permissions.
- Resolved bugs, added new features complete with test coverage.
- Submitted around 50 patches. Tech Stack: **JavaScript, C++, Rust**

PHPMYADMIN | OPEN SOURCE CONTRIBUTOR

Dec 2019 - Present | [Link to PRs](#)

- Actively contributed to the community by reporting and resolving bugs and adding enhancements.
- Have around 20 pull requests merged into the codebase.
- Tech Stack: **PHP, Ajax**, database handling and operations on **MySQL** and **MariaDB**.

ZULIP | OPEN SOURCE CONTRIBUTOR

Jul 2019 - Dec 2020 | [Link to PRs](#)

- Worked on email and mobile notifications, keyboard shortcuts and UI
- Tech Stack: **Python, Django, JavaScript**

DIGINIQUE TECHLABS | FULL STACK WEB DEVELOPMENT INTERN

May 2019 to Jul 2019

- Designed and developed a website using **Django** as backend, **JavaScript, HTML, CSS** for frontend and **PostgreSQL** for database.
- Set up Python Web Server Gateway Interface (WSGI) HTTP server using **Gunicorn** and Reverse Proxy using **Nginx**. Hosted website on **AWS EC2**.

PROJECTS

8-BIT PCB

Designed the circuit board for an 8-bit computer using **Altium**. Studied the internals of microprocessors, transistors and logic gates to build a working model of an 8-bit computer that can perform basic arithmetic calculations.

PHOENIXCHAT | LINK

Created a chat application with login and register option using **Django**, **Django RestFramework**, **Django Channels** and **PostgreSQL**.

PHOENIXTICTACTOE | LINK

Created a Tic-Tac-Toe game using **ReactJS**, **Django** and **SQLite**.

EXTRACURRICULAR

WATCH OUT! | HEAD WEB DEVELOPER

Official student run media body | July 2018 - Present

As the head of its web-development cell I am responsible for leading the web-dev team and updating and maintaining our website. Tech Stack: **Jekyll**, **Markdown**, **JavaScript**, **git** and **GitHub**.

ACADEMIC REINFORCEMENT PROGRAM | MEMBER

Aug 2019 - Dec 2019

Mentored freshers at my college as their Undergraduate Teaching Assistant.

NATIONAL SOCIAL SCHEME | MEMBER

Voluntary social work | Jul 2018 - May 2019

As a member of the **Right to Education** cell, reached out to school children in rural areas and organized tutoring sessions to assist them with their studies.

KSHITIJ | EDITOR

Jul 2018 - Dec 2019

Kshitij is the literature club at my college. As its member I performed at Slam Poetry events and penned literary compositions for the magazine.