

CURRICULUM VITAE

Himanshu Saini

Contact: 9899880773

Email: himanshusaini06@gmail.com

Career Objective

I am an energetic and passionate engineering student, wanting to explore various new technologies. I am DevOps enthusiast with constant motivation to learn. I want to be a part of building new and creative applications which becomes part of people's life. I want to work in the environment where I can face new challenges and can improve my skills further.

Technical Skills

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|----------------------|---------------------------|
| Programming Language | C/C++, Python, JavaScript |
| Scripting Language | HTML, CSS/SCSS, LaTeX |
| Framework | Django |
| Operating System | Windows 10, Ubuntu Linux |
| DBMS | MySQL, Cassandra |
| Cloud Platform | AWS |
| DevOps Tools | Git, Docker |

Academics Information

| Qualification | Year | Board | Marks |
|------------------|-------------|-------|--------------------------------|
| B.Tech - CSE | 2017 - 2021 | JIIT | 7.9 CGPA (6 th Sem) |
| Higher Secondary | 2015 – 2017 | CBSE | 81.8 % |
| High School | 2015 | ICSE | 92.4% |

Work Experience

- **AP2V Solutions | Django Developer | May 2020 – June 2020**

I was responsible for making changes to the organization's website. I worked closely with their marketing team, understanding their requirements and adding it to the website. My work mainly includes making new responsive pages for the website using HTML and CSS, editing or updating the website's server code on Django (python) and pushing changes on the GitHub for implementing changes in Production Environment.

Technologies Used:

- Django (python)
- HTML/CSS/SCSS
- GitHub

Academics Project

- **Multi-tenant storage platform** for healthcare industry

The platform aims to solve the problem to store and manage large database by healthcare industries. It tackles the problem of expensive managing cost of datacentres, providing **affordable solution** to small

businesses. The system uses concepts like **distributed systems** and **Multi-tenancy** to decrease product cost and make the system **fault tolerant**. The system is designed to be **scalable** so that it can grow with increase in user load.

Technologies Used:

- Cassandra Distributed No-SQL DBMS
- Python For handling and analysing data
- Django As server-side framework for our application
- AWS For crating Cloud Servers

- **Website for IEEE student branch** of my college.

The website to show information about various events organized by the IEEE SB JIIT in the college and current managing team of the branch. The website is made on **Django framework** which renders **data from the database** on the website. It is hosted on **AWS EC2** machine using **nginx** and **gunicorn** servers.

Technologies Used:

- Django(python) Server-side framework for the application
- SQLite For storing database
- AWS EC2 For cloud hosting
- Nginx As Web server and reverse proxy
- Gunicorn As WSGI server and handing Django processes

CO-Curricular Activities

- Coordinator of **Institute of Electrical and Electronic Engineers (IEEE) student branch – JIIT**
- Volunteer in **Cyber Srishti 2019** – Technical fest of college

Interest & Hobbies:

- Sketching
- Playing Guitar
- Reading Novels

Personal Information

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| Name | Himanshu Saini |
| Father's name | Mr Jai Parkash Saini |
| Date of Birth | 17 June, 1999 |
| Marital Status | Single |
| Nationality | Indian |
| Language | English, Hindi |
| Address | 273A, Sector-39, Gurugram, Haryana – 122001 |