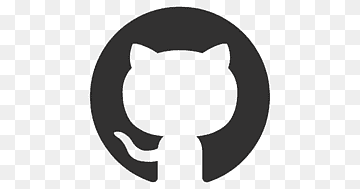
BIKRAM SANK­­HARI­

Full Stack Web Developer

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**SKILLS**

**BACK END:** Python (Django, Flask), C, JAVA

**FRONT END:** HTML, CSS, Bootstrap, Javascript

**DATABASE:** PostgreSQL, SQLite, PostGIS (for Spatial Data)

**DEPLOYMENT:** Linode Server, Gunicorn, NGINX

**OPERATING SYSTEM:** Linux, Windows

**VERSION CONTROL SYSTEM:** Git

**AI ASSISTANT:** Amazon CodeWhisperer, ChatGPT, Gemini

**MISCELLANEOUS:** Data Structures and Algorithms

(\*Despite of having all these skills, the greatest skill I believe I possess is the ability to make up my mind to learn any new skill at any time quickly)

**PROJECTS**

* DEVELOPED A MULTIPLE RESTAURANT MARKETPLACE WEB APPLICATION

(Have a look at - <https://youtu.be/w94kJWzct4o>)

(Codebase at - <https://github.com/Bikram-Sankhari/Cyber-Restaurant>)

***Key Features*:**

* Location based Restaurant search using GDAL & Google Maps API
* Live payment using PhonePe payment Gateway
* Single order generation from Multiple Restaurants
* Token Verification for Authentication
* Refresh-less cart functionalities using AJAX
* Responsive UI
* Clean, Maintainable & Scalable codebase

***Technologies Used*:**

**Django, Python, Google Maps API, PhonePe API, GDAL, Geo Django, PostgreSQL, PostGIS Extension (for Spatial Data), HTML, CSS, Bootstrap, Javascript, JQuery, Sweet Alerts, AJAX**

***Impact*:**

77% of diners visit a restaurant's website before they dine in or order

takeout (<https://www.mghus.com/lp/restaurant-survey>). So having an online presence has numerous marketing benefits for a restaurant.

* DESIGNED SOCIAL NETWORKING APIS

(Have a look at - <https://youtu.be/YbyxrlfNy3c>)

(Codebase at - <https://github.com/Bikram-Sankhari/Social-Media-API>)

***Key Features*:**

* Representational State Transfer (RESTful) Architecture
* User Profile Serialization
* Authentication System
* Search Result Pagination
* Easy Integration
* Clean, Maintainable & Scalable codebase

***Technologies Used*:**

**Django, Python, Django Rest Framework**

***Impact*:**

These kinds of APIs are useful for those Applications which are designed in Microservices Architecture, to maintain consistency between Web Apps, Desktop Apps and Mobile Apps.

* CREATED A BLOGGING WEB APP

(Have a look at - <https://youtu.be/b-rTezMyfUY>)

(Codebase at - <https://github.com/Bikram-Sankhari/Knowledge-HUB>)

***Key Features*:**

* User Authentication­­­
* Fully-fledged browser based text editor for designing Blogs
* Comment section for each Blog
* Anonymous Blog view support

***Technologies Used*:**

**Flask, Python, SQLAlchemy, Werkzeug, WTForms, SQLite, HTML, CSS, Flask-Bootstrap**

***Impact*:**

While most individual blogs earn in 10s of dollars per month range, some of the most popular blogs reportedly earn 1000s of dollars per month (<https://robbieallen.medium.com/the-impact-of-blogging-a15eb69386bf>). So, blogging can be a good source of income for people.

* ENGINEERED A VIRTUAL MACHINE AND ASSEMBLER

(Have a look at - <https://youtu.be/7E8ST-rQqoA)>

(Codebase at - <https://github.com/Bikram-Sankhari/HiJack>)

***Key Features*:**

* Human readable program to machine code through an intermediate VM code using Stack Data Structure.
* Object Oriented Programming (OOP) support
* Huge codebase with 4 level pointer arithmetic

***Technologies Used*:**

**C**

***Impact*:**

While nowadays most of the programmers take compilers and interpreters for granted, building one from scratch exposed me to the underlying techniques and beauty of computers. It gave me a very strong understanding of the very basics of computer science e.g. Bit Manipulation.

* AND MORE……… e.g. – PASSWORD MANAGER DESKTOP APP

(Have looks at - [https://www.youtube.com/channel/UCYcmE7Cl9droFHp4esAasVg](%20https:/www.youtube.com/channel/UCYcmE7Cl9droFHp4esAasVg))

(Codebases at - <https://github.com/Bikram-Sankhari>)

**ACHIEVEMENTS**

* Earned “*Teacher*” Badge on Stack Overflow (<https://stackoverflow.com/users/22411868/bikram-sankhari>)
* Earned “*Supporter*” Badge on Stack Overflow)
* Promoted to “Trust Level 1” in Django Official Forum

(<https://forum.djangoproject.com/u/bikram-sankhari/summary>)

* 100/100 marks in Mathematics, 99/100 marks in Physical Science in Secondary Exam

(<https://github.com/Bikram-Sankhari/Bikram-Sankhari/blob/main/Secodary%20Marksheet.jpg?raw=true>)

* 99/100 marks in Mathematics in Higher Secondary Exam

(<https://github.com/Bikram-Sankhari/Bikram-Sankhari/blob/main/Intermediate%20Marksheet.jpg?raw=true>)

**EDUCATION**

* Intermediate from Rabindra Smrity (S) Vidyaniketan in 2018
* Secondary from Rabindra Smrity (S) Vidyaniketan in 2016