

Mrishabh Pandey

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EDUCATION

Indian Institute of Information Technology
B.Tech, Computer Science and Engineering (CSE)

Sri City, India
Aug. 2018 – Present

TECHNICAL SKILLS

Languages: Python, JavaScript, Dart, C/C++, Java, SQL (Postgres), NoSQL (MongoDB)
Frameworks: Node.js, Django, Flutter, Flask, React
Developer Tools: Git, Github, Docker, Google Cloud Platform (GCP), Amazon Web Services (AWS)
Libraries: Pandas, NumPy, Matplotlib, SciKit-Learn

EXPERIENCE

Full Stack Developer Intern at TopBrain.in

January 2020 – November 2020

TopBrain.in

Remote, India

- Developed REST API using Node.js, Express.js and MongoDB to store data providing service for local businesses to expand their business using web and android based interfaces.
- Developed CrossWord App using Flutter for android app and REST API using Node.js , Express.js and MongoDB to store Data.
- Managed the hosting the above services using Google Firebase and Amazon Web Services.

PROJECTS

Spell Check | [Link](#) | *Python*

November 2020 - December 2020

- Implemented Spell Checking system using python
- Implemented Spell Check engine using Peter Norvig's Algorithm.
- Created a CLI for better visualization.
- Provided Docs for implementation in projects

Game Playing Agent | [Link](#) | *Python, PyGame*

March 2020 - April 2020

- Game Playing Agent for Open Field Tic Tac Toe
- Implemented Game based Agent, running on adversarial search algorithms such as Min Max Algorithm.
- Optimised the efficiency of these algorithm using pruning techniques like alpha beta punning.
- Further more to create a better search domain use of genetic algorithms to optimize the search for greater exploration domain
- Provided Docs for implementation in projects.

Kalariti | [Link](#) | *Python, Django, DjangoRest, Bootstrap4*

September 2020 - December 2020

- Hosted at hrs2203.pythonanywhere.com
- Kalakriti is REST full service providing businesses and customer a platform to interact and sell their product in form of printable apparels.
- REST Full service utilizing Django Rest Framework with complete documentation providing businesses the flexibility to use our API in their client side applications.
- Provided Docs for implementation in projects

StopStocks | [Link](#) | *Python, Django, DjangoRest, Bootstrap4*

May 2020 - July 2020

- StopStocks is a real time stock market purchase and analysis tool for Stock of any registered Brand or Company.
- Provided Docs for implementation in projects

Grapher | [Link](#) | *Python, Tkinter, Turtle*

March 2019 - March 2019

- Open source python project that will build a graph with high accuracy using the Turtle and Math library.
- Provided Docs for implementation in projects