Rohit Gund

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EDUCATION

- **Master of Science, Computer Science** *Aug. 2019 - May. 2021*
  California State University, Fullerton, CA
- **Bachelor of Engineering, Computer Engineering** *Aug. 2014 - June 2018*
  Maharashtra Institute of Technology, Pune, India

EXPERIENCE

- **Software Developer - infobird.in, Pune, India** *July 2018 - July 2019*
  - Python engineer with in depth knowledge of Python and its related technologies
  - Built modern applications with Python, Java, SQL
  - Developed microservices and Web Services
  - Ensure compliance with the SDLC process
  - Active part in all development phases, including research, design, development, testing

SKILLS

- **Programming Languages:** Python, Java, HTML, CSS, JavaScript
- **Data Science:** NumPy, Pandas, Seaborn , Matplotlib , Plotly , Scikit-Learn
- **Frameworks:** Flask, Django, BootStrap
- **Operating Systems:** MacOS, Linux, Windows
- **Databases:** MySQL, MongoDB
- **Version Control:** Git
- **Cloud:** AWS, OpenNebula
- **Tools:** Jupyter Notebooks, Atom, Sublime Text, Pycharm
- **Other:** Data Structures and Algorithm, SDLC, Data Visualization

PROJECTS

- **Private Cloud Platform For Effective Forensic Analysis**
- **Technologies:** OpenNebula Cloud, Python, Java, MongoDB, SQL, HTML5, CSS3, BootStrap, PHP
  - Designed and Implemented **smart agent** which implied in the client machine that live time traces some logs and other data that can be treated as potential evidence and send them to a server in an encrypted form
  - A unique program at the server-side performs **analytics** over data collected through the smart agent. To generate potential evidence and stores them in a repository
  - Evidence will be made available for cyber forensics experts through a web portal.
- **Weather GUI Application using Tkinter**
  - Used **openweathermap** API for retrieving the weather data.
- **Chat Application**
  - Implemented chat application using **Flask**.
  - Used **SQLAlchemy** for database and **Pusher** for pushing the chat to server side.
- **A Car Monitoring System Using Ibm Bluemix (IoT)**
  - Data such as location, speed, engine RPM, temperature, run time, fuel level, etc. fetched from the vehicle using OBD-II.
  - The same data is then shared with a smartphone using Bluetooth. Smartphone uploads the data to the IBM BlueMix Cloud. Data is stored and processed on the cloud.
  - Various patterns are analyzed for vehicle condition, driver's driving pattern and overall vehicle condition and presented data visualization

CERTIFICATION

- **Complete Python Bootcamp** Certificate ID: UC9E4H0163
- **Python Flask** Certificate ID: UC-34c6e174-2db1-405a-8f4d-ddd0ac80b95f