

Rohit Gund

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[LinkedIn](#) | [GitHub](#) | [Portfolio: rohitgund.com](#)

SUMMARY

Skilled and results-oriented Software Engineer with one year of experience working in python with a breadth knowledge of libraries and tools. Seeking to take the next career step with an organization dedicated to world-class quality

EDUCATION

California State University, Fullerton, CA

Master of Science, Computer Science

May 2021

GPA: 3.7

Maharashtra Institute of Technology, (University of Pune), Pune, India

Bachelor of Engineering, Computer Engineering

June 2018

GPA: 4.0

EXPERIENCE

infobird.in

Software Developer

Pune, India

July 2018 - July 2019

- Reduced the website loading time from 20 seconds to 4 seconds and configured load balancers and CDN for handling web traffic.
- Built Android application from scratch leveraging OO designing, UML modeling and dynamic DS
- Shifted companies 30% tasks to automation, reducing INR 3,50,000 cost
- Achieved rapid software development using agile methodologies scrum and xp
- Established a startup to provide software solutions for emerging small-scale businesses and delivered the software on time with collaborating in all major development phases, including research, design, development, testing

Customer Relationship Management Portal, infobird.in

- **Technology:** Python, Flask, SQLAlchemy (ORM for SQL)
- Coded chat application using Flask for assisting the user's real time
- Utilized SQLAlchemy for database and Pusher for pushing the chat to the server-side
- Enhanced payment methods for company and integrated stripe APIs for accepting global payments from all leading Debit Cards and Credit Cards, resulting 30% more revenue
- Summarized the user data and provided rich visual view to infobird for understanding future user needs

TECHNICAL SKILLS

- **Languages:** Python, Java, JavaScript, HTML, CSS, C++ (Basic)
- **Frameworks:** Flask, Django, Bootstrap, React, WordPress, node.js
- **Libraries:** NumPy, Pandas, Seaborn, Matplotlib, Plotly, Scikit-learn
- **Database:** SQL, PostgreSQL, MySQL, MongoDB, NoSQL
- **Developer Tools:** Git, GitHub, AWS, Distributed Systems, Kubernetes, Docker, REST API, GraphQL, NGINX, Linux
- **Other:** Machine Learning, Microservice Architecture, Data Structures, Algorithm, Object-Oriented Programming, SDLC

PROJECTS

Private Cloud Platform for Effective Forensic Analysis

- **Technology:** OpenNebula Cloud, Java, *Evidence Storage:* MongoDB, *Web Portal:* HTML5, CSS3, Bootstrap, PHP, SQL, *Operating System level integration:* Python Scripts
- Deployed smart agent in cloud VM for monitoring, collecting potential evidence and transferred data to server-side for performing analytics.
- Generated potential evidence and stored it in a secure repository and made it available for cyber forensics experts through a web portal with chain of custody records
- Led team of 3 in the development of this cloud platform as a service research project

CoronaVirus Live Data Scraper and Analysis

- **Technology:** Python, BeautifulSoup, NumPy, Pandas, Seaborn
- Scrapped live data from worldometer using BeautifulSoup and performed analysis using python seaborn
- Generated user-friendly reports and analytics using python data science library

Recommendation System using Probabilistic Matrix Factorization

- Solved problem for recommending user specific music and movies to new users and existing users with low account history
- Developed Constrained Kernelized Probabilistic Matrix Factorization (cKPMF) model which take advantages of user network mapping and artist tag information and forms the effective rating matrix for efficiently recommending music/movies

CERTIFICATIONS

- Complete Python Bootcamp and Flask: UC-9E4HO163
- VMware Hackathon: Smart Navigation (Developed algorithm for finding a way for students in a particular area to come to college together)