

# Rohit Gund

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

## SUMMARY

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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

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**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**

## EXPERIENCE

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### 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 for 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
- Reduced deployment time by developing bash scripts to automate build and deployment on Ubuntu servers

### 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
- 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

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- **Languages:** Python, Java, JavaScript, HTML, CSS, C++ (Basic)
- **Frameworks:** Django, React, Flask, node.js, BootStrap
- **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

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### eCommerce Website

- Designed and developed dynamic full-stack web application for eCommerce with user-friendly UI/UX using Django Backend and React Frontend
- Added user sign-up, product search, checkout and integrated PayPal as for easy payments
- Built internal tool as admin control panel for modifying products and order processing such as fulfillment and refunds

### Recommendation System using Probabilistic Matrix Factorization

- Solved problem for recommending user specific music and movies to new users and existing users with low 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

### 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

### 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

## CERTIFICATIONS

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- 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)