

# Somya Chandra



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somya-chandra



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## Education

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### Simplilearn

November 2021- November 2022

Data Science Master's Program

Delhi, India

- **Relevant Coursework:** Business Analytics with Excel, Data Science With Python, Advanced Machine Learning, SQL Training, Tableau Desktop 10, Capstone Project.

### University of Delhi

July 2018- July 2021

Bachelor of Science in Computer Science; CGPA: (7.94/10.0)

Delhi, India

- **Relevant Coursework:** Data Structures, Database Management System, Design and Analysis of Algorithms, Software Engineering, Big Data Analytics, Artificial Intelligence, Data Mining, Operating Systems.

## Experience

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### SMC Finance

Apr 2023 – Present

Software Developer

Delhi, India

- Developed backend Rest APIs, by using Python Fast API and Flask, deployed them on Docker Containers, and ensured the security mechanism through Authentication, Authorization, and Encryption and ensured Continuous Integration and Continuous Deployment using Bitbucket.
- Optimized Microsoft SQL Server database queries by converting into SQL Alchemy Core ORM (Object Relational Mapping), Shifted the SSMS database to Google Cloud Platform to implement microservices architecture.
- Worked with Google Cloud VPC networks, Cloud Storage, Bucket to upload multiple documents as blobs, Compute Engine, and handled multiple API Services as per the business requirements.
- Contributed to the adoption of agile methodologies, utilizing Jira and Confluence, improving team productivity through iterative development cycles.

### DataNStats

Apr 2022 – October 2022

Data Science Intern

Delhi, India

- Web Scraped multiple procurement sites of top armed countries in the world to collect the news content to provide RFQ (Request For Quote), and RFI (Request For Information) of data using Selenium and BeautifulSoup in Python.
- Analysed the data and grouped them within entity by using Named entity Recognition process (NER).
- Build a Machine Learning Model with team to process the scraped data and will return the Classified good and bad fake news in the country.

## Projects

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### KYC Document Migration | Python, JWT Token, Google Cloud Storage, Blob, Stored Procedure

- Migrated over lakhs of KYC documents from Microsoft SQL Server Database to Cloud Storage using Blobs in Python. Implemented a stored procedure and applied JWT Tokens for secure and smooth processing.
- scheduling a recurring cron job for daily execution through Python ensuring seamless execution of the process.

### MIS Business Reports | Python, Fast API, JWT Token, Docker, Node.js, JavaScript, Excel, Stored Procedure, Bitbucket

- Developed multiple stored procedures in Microsoft SQL Server based on business requirements, implemented Fast API, JWT Tokens, and ensured unit test cases for code coverage.
- Ensure proper code coverage is implemented, deployed multiple API's on Bitbucket, implemented the API's in MIS Portal for business and Financial Reports made in Node.js, JavaScript.

## Technical Skills

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**Languages :** Python, Dart, OpenCV, R Programming, C++, HTML

**Database :** Microsoft SQL Server (SSMS), MySQL, PostgreSQL, MongoDB

**DevOps and Cloud :** Docker, CI/CD Pipelines. Google Cloud Platform for Storage

**Visualization Tools :** Microsoft Excel - Dashboards, Formulas, Power BI, Tableau

**API and Development Tools :** REST, CRUD API, Postman, Fast API, Flask, Bitbucket, GitHub, Visual Studio Code, Flutter, Google colab, RStudio, MySQL.