

## Raman Kaushish

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## Professional Summary

Orchestrised, communicative, innovative, collaborative and quick-to-learn recent Master of Computer Application graduate with 1 year of valuable internship experience. Seeking a Oracle Pass Developer, Junior Data Analyst/ Data Analyst, Data Scientist, Python Developer or similar roles to leverage skills in data management, data handling, data analytics, data preprocessing, data modelling, data visualization, machine learning model training, product and application development and problem-solving for contributing to organizational success.

## Skills

**Programming:** SQL, Java (Core, JSP, JDBC, Applets), Python (Pandas, Numpy, scikit-learn, pillow, matplotlib, seaborn, opencv, nltk etc.), C Programming, Data Structures and Algorithms implementation.

**Modeling:** Linear/Logistic/Polynomial Regressions, K-Means/DBSCAN Clustering, KNN Classifiers, SVM, Decision Trees, Bagging, Boosting.

**Application Development:** Java, Python, REST & SOAP Web Services, Oracle ICS (VBCS, OIC, Fusion FSCM)

**Data Management:** Expertise in data collection, data cleaning, preprocessing, ETL Concepts, data modelling and engineering of large data sets.

**Statistical Knowledge:** Proficient in basic and advanced statistical methods and mathematics.

**Problem Solving:** Demonstrated abilities to independently solve complex analytical problems along with suitable application of algorithms, developing strategies.

**Industry Interest:** Keen interest in supporting, managing data & analytics initiatives and similar roles.

**Soft Skills:** MS Office, Presentations(ppt), Effective Communication Skills, Public Speaking, Leadership and Teamwork, Management Skills, Presentation and Reporting, Proficiency in computers.

## Industrial Training

### AWC Software Pvt. Ltd.

- Oracle Visual Builder Cloud Services
- Oracle Integration Cloud
- Oracle ATP Database
- Oracle ERP Fusion (Financial and Supply Chain Management, BI Publisher)

## Projects

### 1. OCI Bucket Storage Integration - TechSupper

Will upload one sample file keeping 3 lakh recording having 15 columns Create a schedule-based integration that will list the files from object storage. Read the file one by one in chunks (making sure the integration will not fail due to the size limit). Will push the data to ATP (public network as of yet and can be changed later to private network). Move the files to another bucket once the file is processed successfully.

### 2. Service Now Integration POC - TechSupper

ServiceNow has the ability to use ODBC driver to connect to the database, need a POC to see from OIC we can connect with ServiceNow using DB connection and map the data into Oracle

Fusion (we can use either account or contact as a POC). If you do not have access to ServiceNow, maybe mockup in OIC using a similar connector (like ODBC or similar that can connect and take data to Oracle Fusion), The preference is because it is bulk import we leverage it.

**3. Application Development using Oracle ICS - VBCS, OIC and ATP -AWC Software (February 2024 - June 2024)**

Two applications modules designed at AWC Software Pvt. Ltd. using OCI technologies like Oracle VBCS for frontend and functionalities, Oracle Integration Cloud as Middleware and Oracle ATP as backend for purpose of ERP and applications were deployed in Oracle ERP Fusion(SSO).

**4. Solved Classification Problems(Spam Messages, Dog vs Cat) - Bharat Intern (December 2023 - January 2024)**

Data collection and data management from diverse sources. Cleansed, explored and preprocessed data for accurate analysis. Employed advanced analytical techniques to extract insights. Employed multiple machine learning and CNN deep learning models to solve classification. Employed accuracy metrics for optimizing the models. Utilized Matplotlib and Seaborn to create compelling data visualizations.

**5. BCG Data Science Job Simulation on Forage - December 2023**

Completed a customer churn analysis simulation for XYZ Analytics, demonstrating advanced data analytics skills, identifying essential client data and outlining a strategic investigation approach. Conducted efficient data analysis using Python, including Pandas and NumPy. Employed data visualization techniques for insightful trend interpretation. Completed the engineering and optimization of a random forest model, achieving an 85% accuracy rate in predicting customer churn. Completed a concise executive summary for the Associate Director, delivering actionable insights for informed decision-making based on the analysis.

**6. Accenture North America Data Analytics and Visualization Job Simulation on Forage - December 2023**

Completed a simulation focused on advising a hypothetical social media client as a Data Analyst at Accenture. Cleaned, modelled and analyzed 7 datasets to uncover insights into content trends to inform strategic decisions. Prepared a PowerPoint deck and video presentation to communicate key insights for the client and internal stakeholders

**7. Tata Data Visualisation: Empowering Business with Effective Insights Job Simulation on Forage - November 2023**

Completed a simulation involving creating data visualizations for Tata Consultancy Services. Prepared questions for a meeting with client senior leadership. Created visuals for data analysis to help executives with effective decision making.

**8. Data-Driven Analysis of sales and customer data Via KPMG - Forage virtual internship**

Collected and managed data from diverse sources. Cleansed, explored and preprocessed data for accurate analysis. Employed advanced analytical techniques to extract insights. Utilized Power BI or Tableau to create compelling data visualizations.

**9. Solved standard problems of Data Science Via CodSoft virtual internship**

Data collection and data management from diverse sources. Cleansed, explored and preprocessed data for accurate analysis. Employed advanced analytical techniques to extract insights. Employed multiple machine learning models to solve classification and regression problems. Employed accuracy metrics for optimizing the models. Utilized Matplotlib and Seaborn to create compelling data visualizations.

**10. Analysis of Data(Text and Image Data) for Prediction of Wildfires**

Collected and managed data from diverse sources. Cleansed, explored and preprocessed data for accurate analysis. Employed advanced analytical techniques to extract insights. Utilized Matplotlib and Seaborn to create compelling data visualizations.

**11. Created a product -'User Based Location Mapping'**

Collected data of archeological sites from the books. Cleansed the data and minimize its dimensions to addresses only. Divided project into 3 modules. Map a random address, map all addresses of dataset and filter the addresses present in dataset on bases of cities. Designed on multiple methodologies.

## 12. **Academor collaboration with IIT Bombay - Techfest, AI Intern**

Proposed three AI based applications used to expand its logistics business in the next five years. Considered the potential advantages and disadvantages of the applications and the various risks (positive and negative) of proposed solutions, specifically explored from an ethical, social and legal point of view. Provided three to five recommendations directly focusing on addressing the organisation's current problem. The report prepared was at a strategic level.

## **Experience**

- TechSupper Oracle Software Developer Intern (September 2024 - October 2024)
- Oracle PaaS Developer Intern - AWC Software Pvt. Ltd. (February, 2024 - June, 2024)
- Data Science Intern - Bharat Intern (December 2023 - January 2024)
- Data Science Intern - CodSoft (September 2023 - October 2023)
- Artificial Intelligence Intern - Academor collaboration with IIT Bombay - Techfest

## **Education**

- M.C.A., Central University of Karnataka, 2022-2024 - 9.25 CGPA (Gold Medalist)
- Bachelor's of Education, DCRUST, Sonipat, 2020 - 2022 - 8.17 CGPA
- Bachelor's of Sciences (P) Computer Science, S.G.T.B. Khalsa College, University of Delhi, 2017 - 2020 - 7.864 CGPA
- Class XII, Hindu Sr. Sec. School, Sonipat, 2017 - 91.2%
- Class X, Hindu Sr. Sec. School, Sonipat, 2015 - 10 CGPA

## **Other Achievements**

- Data Science in Python Certificate from Simplilerarn
- Grow with Google Scholarships Cybersecurity Program
- Grow with Google Professional Data Analytics Program
- Grow with Google Professional Advanced Data Analytics Program
- Various task based certificates from various MNCs (like:- Tata, BCGx, Accenture, KPMG etc.) in Data Domain on Forage

## **Activities**

- NET(Phd.Only), CTET, HTET Qualified
- One day international seminar on machine learning and IoT security, CUK
- Research paper presentation on AI and Technology for Policies : Public Sector and International Governance of India, Department of Economics, CUK
- One day IEEE workshop on 'How to Write Quality Research Paepers', Central Library, CUK
- Rewarded as Best Library e-resources user
- Research paper presentation on 'Sustainability of Education Beyond Crisis', BPSMV Khanpur
- Anual Artificial Intelligence Symposium at University of South Dakota, USA
- NSS member for 3 years, University of Delhi

## Hobbies

Sports(Cricket, Badminton, Chess, Soccer), Listening Music, Playing Flute, Dancing