

ANANT RAJPUROHIT

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EDUCATION

Syracuse University

Master's in Computer Science

Syracuse, New York

Aug 2022 - May 2024

- Coursework: Design and Analysis of Algorithms, Database Management Systems, Structured Programming and Formal Methods, Social Media and Data Mining, Operating Systems, Computer Architecture, Object Oriented Design in Java

Pune University

Bachelor of Engineering - Computer Science, Minor in Artificial Intelligence

Pune, India

Aug 2018 - Jun 2022

- Coursework: Advance Data Structures, Data Engineering, Software Engineering, OOP, Business Intelligence & Analytics

SKILLS

Programming:	SQL, Python (Pandas, Numpy, Matplotlib, Seaborn, Scikit-Learn), HTML
Databases & Cloud:	MS SQL Server, Oracle, MySQL, PostgreSQL, Azure, AWS (S3, EC2, Redshift), Relational Database
Tools:	PowerBI, Tableau, MS Excel, ETL, DRE, Git, Docker, JIRA, SSMS, SSRS, SDLC, Microsoft PowerApps

PROFESSIONAL EXPERIENCE

Data Engineer Intern

EvolvingX

Sep 2020 - Jul 2022

Pune, India

- Spearheaded analysis for **500+** startups across India, enhancing decision-making accuracy by **25%** through involvement in market study, wireframe design, data modeling, **API** creation, and testing using **agile** methodology.
- Developed robust data warehouses and data models on **AWS** cloud and SQL Server, enhancing startup metric evaluation and boosting SQL query performance by up to **42%**.
- Integrated **ETL** pipelines with **Tableau** to create a financial dashboard and **reporting system**, delivering key startup KPIs on sales, valuation, funding, and market size, achieving a 10% productivity boost.
- Orchestrated a **Machine Learning** model using **Python's** NumPy, Pandas, and the LSTM algorithm to forecast 3-year startup revenue trends with 85% accuracy, driving data-driven investment decisions.
- Utilized **Excel** for detailed financial analysis and revenue projection, employing **pivot** tables, **VLOOKUPS**, and complex formulas generating ad-hoc actionable insights and improving decision-making accuracy by 15%.
- Guided cross-functional team collaborations & trained 10 interns, accelerating team efficiency & project contributions.

Data Engineer Intern

Oyester Training

May 2020 - Aug 2020

Pune, India

- Detected potential **banking fraud** by analyzing outliers, patterns, & trends using **ETL** processes, queries, & SQL Server tools (SSIS, SSMS), driving business decisions through analysis and detailed reporting to key **stakeholders**.
- Engineered **financial dashboards** by integrating **Tableau** with **AWS Redshift**, enhancing visualization of critical financial KPIs and improving the PMO team's data-driven decision-making by 25%.
- Leveraged Natural Language Processing (**NLP**) techniques for **data cleaning** and preprocessing, streamlining the analysis process by 20% and enhancing data quality for reporting.

PROJECTS

Social Network Analysis of Twitter Users

- Conducted a comprehensive **statistical analysis** project utilizing Twitter API to collect real-time user data from over 80,000 users, focusing primarily on crawling followers, constructing **network graphs**, and extracting valuable insights into user activity, behavior, and connectivity patterns.

Healthcare - Database enhancement

- Designed a healthcare database system for managing patient info, scheduling & billing, for the University Medical Center patient data. Created **ER diagrams**, **data models**, and **schema designs**. Architected **stored procedures**, **triggers**, & **security** protocols enhancing data integrity & confidentiality, resulting 20% reduction in processing time.

LinkedIn Scraper for Job Analysis & In-Demand Skill Extraction

- Engineered a Python-based tool to **scrape** and analyze real-time job postings from LinkedIn, focusing. Collected and processed data from over 500 job listings, identifying key in-demand skills for the job market. Provided actionable insights through data **visualization**.

PUBLICATION

Order Management Convenience System | *International Journal of Advances in Engineering Management, IJAEM-10983*

- Assessed automation's impact on system efficiency & user convenience, revealing a potential 60% increase in revenue