

## Sarnika Nandipati

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### SUMMARY

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Data Science and Analytics graduate student seeking internship opportunity at which I can apply my education and 2 years of work experience in data pipeline development, data processing and mining.

### CORE COMPETENCIES

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**Databases:** PostgreSQL, Microsoft SQL Server, Elasticsearch, MongoDB

**Programming Languages:** Python (Pandas, NumPy, Flask, Scikit-learn), SQL, R, Java, NoSQL, C, C#

**Tools:** Microsoft Power BI, Git, Logstash, Kibana, Microsoft Office Suite (Word, Excel, PowerPoint)

### EDUCATION

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Georgia State University, J. Mack Robinson College of Business

Atlanta, GA

**Masters in Analytics, Data Science and Analytics**

December 2022

- Relevant course work: Statistical Foundations, Data Management for Analytics, Data Programming, Data Visualization.

National Institute of Technology, Durgapur

Durgapur, India

**BTech in Electronics and Communication Engineering** (GPA : 8.31/10)

May 2019

- Relevant course work: Programming Fundamentals, Data Structures and Algorithms, Object Oriented Programming, Software Engineering.

### EXPERIENCE

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**Starr Insurance Companies - Georgia State University**

Atlanta, GA

*Sprint Project Team Member - Graduate Research Assistant*

August 2021 - Present

- Perform analysis for a marketing-focused project involving machine learning, text analytics, and dashboard presentation of results.

**Infosys**

Bangalore, India

*Systems Engineer*

September 2019 - July 2021

- Built multi-tenant data pipelines for analytics of an award-winning education platform with various clients using PostgreSQL, ELK Stack and Python.
- Developed API using Python for a personalized reports platform where management can customize reports utilized for business decisions.
- Created a reverse proxy layer between backend and frontend with C#.
- Analyzed and optimized existing SQL queries, enhancing effectiveness by 30%.

**Indian Institute of Technology, Kharagpur**

Kharagpur, India

*Summer Intern*

May 2018 - July 2018

- Developed a machine learning model with algorithms like KNN, Random Forest to classify emotions based on electroencephalogram signals. (Accuracy: 82.23%)

### OTHER

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- 1<sup>st</sup> Place at Genesis, a robotic event organized by Society of Automotive Engineers, NIT Durgapur.
- English (Fluent), Hindi (Native), Telugu (Native), French (Basic).