

# PRIYANKA NIDADAVOLU

## Building Intelligence at the Intersection of Data, Code, and Insight

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[priyanka-nidadavolu.github.io/portfolio/](https://priyanka-nidadavolu.github.io/portfolio/)

## Experience

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### UCSD – Part Time

Oct 2025 – Present

*Student Build and Release Engineer*

*San Diego, CA*

- Working as a part time employee in Build and Release Services team at UCSD which is responsible for developing and managing continuous integration build and deployment plans and supporting servers, processes, and policies.

### IBM

Jun 2023 – July 2025

*Software Developer*

*Bangalore, Karnataka*

- Engineered and optimized backend components, integrating APIs and automation tools across 3+ production features.
- Enhanced performance via a 90% faster validation framework and 40% leaner data storage pipeline and embedded automated code quality checks into the CI/CD process.
- Built a multi-cloud provisioner MVP using LLMs, Python, and IBM Cloud, reducing cloud resource costs by 40%.

### IBM

Jan 2023 – Jun 2023

*Software Developer Intern*

*Bangalore, Karnataka*

- Developed a Django repository using Python and JavaScript, integrated it with Spring Boot, Java, and PostgreSQL, contributing to automation scripts and API prototyping while gaining hands-on experience with 6+ technologies.

### Samsung Prism

Jun 2021 – Mar 2022

*Backend Developer Intern*

*Virtual*

- Developed a multilingual dataset of 10,000+ names with phonetic sounds, improving speech recognition accuracy.

### AICTE Virtual Internship

Oct 2021 – Dec 2021

*Cloud Intern*

*Virtual*

- Applied AWS knowledge to host a website on Amazon EC2 and configured Apache HTTP Server for content delivery.

## Education

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### University of California, San Diego

Sept 2025 – Present

*Master of Science in Data Science*

*San Diego, California*

### K L University, CGPA – 3.67/4

2019 – 2023

*Bachelor of Technology in Computer Science and Engineering*

*Vijayawada, Andhra Pradesh*

## Relevant Coursework

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|-------------------------------|-------------------------------------|-------------------------------|
| • Data Science                | • Analysis and Design of Algorithms | • Data Warehousing and Mining |
| • Database Management Systems | • Data Visualization Techniques     | • Big Data Analysis           |

## Projects

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### TAKE A TRIP | Django, Python, MySQL database, HTML, CSS

May 2021

- Developed a platform for simplified travel planning, offering recommendations and travel agent connections.
- Implemented curated travel suggestions based on user preferences and engagement.

### Customer Response Analysis in Direct Marketing Campaigns | Python, Tableau

Nov 2021

- Analyzed 40,000+ records to identify trends in customer responses for term deposits.
- Identified actionable patterns in customer behavior and built interactive Python and Tableau dashboards.

## Technical Skills

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**Languages:** Python, Java, C, C++, HTML/CSS, JavaScript, MySQL, R, YAML

**Developer Tools:** VS Code, Eclipse, Tableau, GitHub, Jupyter, Swagger, SonarQube, CI/CD

**Technologies/Frameworks:** Django, Spring Boot, AWS, NumPy/Pandas, Matplotlib, Big Data, Quartz Jobs, REST APIs

## Achievements

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**Star of the Month Award (Nov 2023):** Recognized by IBM for exceptional performance and significant contributions

**People's Choice Award:** Honored for a project at IBM that received award nominated by peers

**Codehars Coding Challenge (Top 30 in India, 2022) :** Achieved a top 30 ranking in this competitive coding challenge, showcasing my coding skills and problem-solving abilities.