

# GIRIDHAR NAIR

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## EDUCATION

### University of Texas at Dallas

B.S. Computer Science

Richardson, TX

Expected Graduation: May 2026

## EXPERIENCE

### USAA

Plano, TX

Data Engineering Intern

May, 2024 – August, 2024

- Released an internal Python package to profile 5000+ records in Snowflake from various data stream pipelines, generating user-friendly HTML reports with data insights, statistics, and sensitive data detection
- Contributed to a workflow that automates parsing and verification of 100+ automobile invoices daily, enhancing error handling with AWS Textract and automated invoice deletion from AWS S3 buckets post-parsing

### M.D. Anderson Cancer Center

Houston, TX

Software Engineering Intern

October, 2023 – December, 2023

- Developed a full-stack application using React.js and Python FastAPI to deliver AI-summarized healthcare business insights to 20+ users weekly, using Azure App Service for web hosting and MongoDB for user data management
- Deployed a Python web scraping pipeline with BeautifulSoup to aggregate content from 10+ news sources, utilizing Google's PaLM AI for accurate summarization and SendGrid for automated email distribution

## EXTRACURRICULAR

### Consult Your Community UT Dallas

Richardson, TX

Vice President of Internal Affairs

June, 2024 – Present

- Secured 4 clients, interviewed 30+ student candidates, coordinated consultant-client collaborations, and maintained strong relationships, ensuring balanced workloads and satisfaction for both clients and consultants

Software Engineering Lead

February, 2024 – June, 2024

- Led a team of 3 to develop a top-ranked SEO website using Next.js and Python FastAPI for a Dallas-based student organization offering free software consulting to small, minority-owned businesses and nonprofits

## PROJECTS

### ProfStats | [React.js](#), [Python](#), [Go](#), [SQLite](#), [Docker](#), [Azure](#) | [Demo](#) | [GitHub](#)

November, 2023 - April, 2024

- Featured Chrome extension with 150+ users, merging professor ratings and 5000+ rows of grade distributions at The University of Texas at Dallas for simplified access to course information for students

### LitCoach | [React.js](#), [Python](#), [Vercel](#) | [Demo](#) | [GitHub](#)

May, 2024 - June, 2024

- Pair programmed an AI-powered Chrome extension with 50+ users that delivers real-time feedback and hints for LeetCode problems, reducing user problem-solving time by 30%

## AWARDS

### 2nd Place at AI for All Hackathon | [DevPost](#)

September, 2023

- \$200 prize; collaborated and built a full-stack application integrated with Chat-GPT, delivering transcriptions and summarizations of audio content to your email

## CERTIFICATIONS

### Udacity AI Programming With Python Nanodegree | [Credential](#)

June, 2023

### Udacity Business Analytics Nanodegree | [Credential](#)

July, 2023

### Microsoft Office Specialist: Microsoft Excel 2016 | [Credential](#)

December, 2021

## TECHNICAL SKILLS

**Languages:** Python, Javascript, Java, SQL, Go, C++, HTML/CSS

**Developer Tools:** Git, Github, Docker, AWS, Microsoft Azure, Google Cloud Platform, Snowflake Cloud, Postman

**Frameworks and Libraries:** React.js, Next.js, Express.js, Flask, FastAPI, Django, NumPy, Pandas, TensorFlow, Gin, Springboot, Data Build Tool

**Databases:** MongoDB, Firebase, Snowflake, MySQL, PostgreSQL, SQLite, Redis