

# Jayadeep Nukala

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## EDUCATION

### The University of Texas at Dallas

Dallas, TX

Master of Science in Information Technology and Management

Jan. 2023 – Dec. 2024

- **AWS Certified Solutions Architect - Associate SAA-C03** (Dec. 2023)

### Birla Institute of Technology and Science - Pilani

Hyderabad, India

Bachelor of Engineering in Electronics and Communication Engineering

Aug. 2017 – May 2021

## PROFESSIONAL EXPERIENCE

### Software Engineer

Aug. 2021 – Sep. 2022

CGI

Bengaluru, India

- Worked as a full-stack web developer with Angular, React.JS, ASP.NET, SQL tech stack
- Refactored UI Design using React.JS to enhance the user experience, which reduced support tickets by 10%
- Prototyped a TOTP based Two Factor Authentication using the “RFC 6238” algorithm to reduce the account compromise by 90%

### Product Deployment Intern

Aug. 2020 – Dec. 2020

Goodera

Bengaluru, India

- Automated a Grant Program with 1,000,000 users across 7 APAC countries using Goodera’s SaaS platform
- Collaborated with business analysts and the Goodera director to gather and organize the business needs

## PROJECTS

### InternOptima Job Board Platform | React, Material UI, Redux, Git, JavaScript

May. 2024 – Present

- Leading the frontend team in developing a job board platform for students, focusing on internships and future full-time roles.
- Utilizing React, Material UI, and Redux to create a responsive and user-friendly interface
- Mentoring junior developers and managing collaborative development using Git
- Planning AI-driven features to assist students with applications in the future.

### Woodcraft Artisan Portfolio Website | JavaScript, HTML/CSS, GitHub

Sep. 2023 – Nov. 2023

- Designed and developed a user-friendly device responsive *website* showcasing the artisan’s talent & projects
- Enhanced user interaction with features like Carousels, forms, modals, and embedded Instagram feed
- Embedded WhatsApp API for streamlined customer communication

### Hospital Management System | MySQL

March 2023 – April 2023

- Designed a database system to serve as a central repository for data and facilitate operations

### Open Source Collaboration Platform | Angular, ASP.NET, SQL, Git, Postman

Sep. 2021 – Oct. 2021

- Prototyped a platform to foster collaboration between open-source developers and enthusiasts by sharing ideas for open-source development

## ACHIEVEMENTS

### HackUTD X | 3rd Position | Data Engineering, Python, Jupiter, Pandas, GitHub, sklearn

Nov. 2023

- Secured 3rd position with FaultForecast achieving 97% accuracy on Frontier’s test data
- Developed a predictive model utilizing historical data and advanced algorithms for early detection of service faults
- Improved proactive measures for Frontier, minimizing disruptions and enhancing customer satisfaction

## TECHNICAL SKILLS

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

**Frameworks:** Angular, React, Node.js

**Developer Tools:** Git, AWS, VS Code, Visual Studio, GitHub, Figma, Rstudio

**Courses:** User-centric web development, Databases, Object Oriented Programming, Agile, AWS Solution Architecture

## ADDITIONAL INFORMATION

**Eligibility:** F1 VISA, Eligible to work in the US for internships and full-time for up to 36 months