# **ROSHAN JAMES**

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### Summary

CS Graduate Student at Virginia Commonwealth University. Seeking Summer 2024 Internships (18th May 2024 - 20th August 2024)

Proficient in Javascript, Java, Python and C/C++. Professional experience with the MERN Stack, Java Spring, MongoDB and AWS.

### Experience

#### Cimpress

Senior Software Engineer

- Maintained and optimized eCommerce Quotes, a key revenue module, for a better user experience.
- Developed eCommerce Alerts using MongoDB Atlas, AWS EventBridge and Express, enhancing stakeholder notifications for blocked or suspended orders.

### Software Engineer

- Built modular ReactJS UI components for organization-wide use.
- Transitioned existing UI from JavaScript to TypeScript for increased reliability.
- Improved order editing process efficiency by 2-3x.
- Maintained a Spring Boot Application for communication across Cimpress micro-services, enhancing the order fulfillment pipeline.

### **Rupeeseed Technologies Ventures Pvt. Ltd.**

Software Developer Trainee

- Developed a Python script for sentiment analysis and feature extraction from news headlines using Machine Learning.
- Implemented a Flask-based backtesting tool for algotrading.

# Education

#### **MS in Computer Science**

Virginia Commonwealth University, Richmond, VA, USA BE in Information Technology

Don Bosco Institute of Technology, Mumbai, MH, India

# Projects

### Single Image Super Resolution

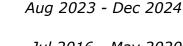
• Developed a GAN-based Efficient Sub-Pixel Convolutional Neural Network for real-time highresolution image/video enhancement, surpassing state-of-the-art models with a 6

#### LegoDoc

- A platform for customizing crowdsourced legal document templates.
- Designed and implemented the templating logic and backend infrastructure for this project, utilizing Express.js and MongoDB.

### Achievements

- ISRO Grand Finalist (250K+ students)
- ERPNext Foundation 2nd Place (500+ participants)



Jul 2016 - May 2020

Jul 2022 - Jul 2023

Dec 2020 - Jul 2022

Jun 2020 - Nov 2020

Project Report

GitHub Link