

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

Jul 2022 - Jul 2023

- 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

Dec 2020 - Jul 2022

- 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

Jun 2020 - Nov 2020

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

Education

MS in Computer Science

Virginia Commonwealth University, Richmond, VA, USA

Aug 2023 - Dec 2024

BE in Information Technology

Don Bosco Institute of Technology, Mumbai, MH, India

Jul 2016 - May 2020

Projects

Single Image Super Resolution

[Project Report](#)

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

LegoDoc

[GitHub Link](#)

- 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) *Smart India Hackathon, 2020*
- **ERPNext Foundation** 2nd Place (500+ participants) *Mumbai Hackathon, 2019*