

I am a skilled software engineer with experience in developing robust applications. Committed to optimizing system performance and delivering impactful solutions, I bring a strong foundation in full-stack development to any role.

## Work Experience

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<b>Software Engineer</b> Artwork Integration team	<b>Cimpress</b> Bengaluru, India	<b>Sep 2021 – Oct 2023</b>
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- **Content Flagging & Enhancement System**

- Achieved **100% flagging accuracy for known logos** with copyright or inappropriate content, while successfully **reducing false positives from 10% to 2%** through continuous refinement and manual review.
- **Enhanced legal compliance and brand protection** by effectively identifying and flagging problematic content, mitigating risks associated with distributing copyrighted or inappropriate materials.
- **Implemented a streamlined process for categorizing unknown logos**, contributing to improved accuracy and efficiency in content moderation.

- **Logo Production Optimization - Vectorization (.svg ) Improvement for Logos**

- **Doubled vector (.svg image) production efficiency**, increasing coverage from less than **30% to 60%**, addressing product managers' objectives for enhanced output.
- Implemented **automated extraction of SVG logos from websites** for cases where in-house conversion was not feasible, improving efficiency and reducing manual intervention.
- Reduced unnecessary synchronous requests to the image processing team by **converting all calls to asynchronous with priority flags** and Implemented priority dropdown option in **UI (React)** for designers uploading orders

- **Order Retry Mechanism Implementation**

- Reduced manual support and patch/retry time by **10-15 minutes per order**, resulting in an efficiency improvement of approximately **70-80%. ( Asp.Net Web API )**
- Optimized retry mechanism, enabling the reuse of completed steps during retry attempts, **saving approximately 15 hours weekly** and approximately **50 hours weekly during peak months .**
- Implemented a **Retry Button on the React-based** order status dashboard, facilitating quick retries for order support personnel and developers.

- **Project Ownership - Artwork Integration for National Pen**

- Provided comprehensive **project leadership**, resulting in enhanced efficiency and effectiveness in artwork integration processes for National Pen.
- **Resolved production issues promptly**, irrespective of their origin, ensuring smooth project execution and customer satisfaction.
- **Improved user experience by implementing UI enhancements**, optimizing the manual image upload process for bulk orders, and addressing usability concerns raised by the National Pen business team.

## Technologies and Languages

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- Languages & Frameworks: Dotnet, C#, React, JavaScript
  - Technologies: Git , GitHub
  - Other: OOP , SOLID , Data structures and algorithms

## Education and Certifications

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- **B.E. Computer Science and Engineering**, CMRIT, Bengaluru. **2017–2021**
- **12th, PCM CBSE Board**, GGPS, Bokaro steel city, Jharkhand. **2016**
- **10th, CBSE Board**, Grizzly Vidyalaya Koderma, Jharkhand. **2014**

## Interests

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- Passionate about playing musical instruments, particularly percussion and drums.