

# Milan Bista

Experienced Software Engineer specializing in designing and developing Scalable enterprise solutions for high-performance applications

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## Relevant Experience

Full Stack Engineer: **TCS (Client: Cardinal Health)** Dec 2023 – Jul 2024

Project: 3 Point Logistics(3PL)

- Enhanced and maintained 3PLink, a Spring Boot, Angular, and PostgreSQL-based order management system, optimizing inventory tracking, account management, and customer workflows through RESTful APIs.
- Automated deployments with CI/CD pipelines in Concourse, ensuring smooth integrations, rapid bug fixes, and efficient rollouts to Pivotal Cloud Foundry (PCF).
- Implemented HA and DR strategies, ensuring system resilience while optimizing EDI and non-EDI order processing for seamless warehouse fulfillment.
- Developed and automated ETL workflows on Linux servers using cron jobs, integrating EDI orders from SFTP servers into Tecsys' Elite WMS for real-time logistics tracking.
- Optimized data processing by deploying custom Iguana channels in Lua, improving EDI workflow efficiency and cross-platform integrations.

Full Stack Engineer: **TCS (Client: Cardinal Health)** Aug 2021 – Dec 2023

Project: Pharma connect (eCommerce Platform)

- Contributed to the [parmed.com](https://www.parmed.com) eCommerce platform, utilizing Java, Spring Boot, and Angular to enhance existing functionalities and develop new features.
- Implemented Price Negotiation and Product Recommendation features by consuming machine learning-driven APIs, delivering personalized user experiences based on purchase history and cart insights.
- Managed CI/CD pipelines using Concourse CI and deployed microservices on Pivotal Cloud Foundry (PCF), ensuring scalable, containerized applications with Docker.
- Developed comprehensive unit and integration tests using the Spock Framework, ensuring robust code quality and reliability through extensive test coverage.

## Selected Projects

### Color Scoop (Chrome Extension)

Chrome Web Store: [Color Scoop](#)

- Developed "Color Scoop," a Chrome extension using Manifest V3, JavaScript, and DOM manipulation to extract and analyze colors, fonts, and CSS styles from any webpage. Implemented real-time sampling, HEX/RGB conversion, font detection, and an intuitive "Add to Favorites" feature for seamless design inspiration.
- Designed a sleek, user-friendly UI with smooth animations, ensuring an engaging experience. Optimized performance for large web pages, adhered to Chrome Extension guidelines, and integrated clipboard support, Chrome Storage API, and dynamic styling previews for a fully interactive design tool.

## Skills

### Programming Language

Java, Javascript, TypeScript, Python, C++, SQL, HTML, CSS, Sass, GraphQL

### Frameworks & Libraries

Backend: Spring Boot, Express, Django  
Frontend: Angular, React.js, Redux, Bootstrap, Tailwind CSS  
Testing: Junit, Mockito, Jest, Spock, Jasmine

### Tools & Platforms:

Version Control: Git, GitHub, GitLab  
CI/CD: Concourse CI, GitHub Actions, Jenkins, GitLab CI/CD  
Cloud & Deployments: AWS (EC2, RDS, S3, Lambda), Docker, Kubernetes, PCF  
Database: PostgreSQL, MySQL, MongoDB, Redis, Elastic Search  
Others: Linux, Nginx, RabbitMQ, Terraform

## Education

### University of the Cumberland

Master's in computer science (Expected July 2025)

### University of Houston-Main

Bachelor of Science in Computer Science (May 2021)

## Certification

AWS Certified Solutions Architect Associate Certification (2021)

## Interests

UI/UX design, Photography, Adobe Photoshop, Davinci Resolve