

# Santhoshakumara Natarajappa

M.S. in Computer Science • University of Utah

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"A dynamic and creative software developer with 5+ years of experience in the e-Commerce domain that helped various global retailers roll out functionalities in agile mode to increase the revenue by more than 50%. As a current graduate student, looking for internships to leverage my experience and knowledge to make an impact in a challenging environment."

## Education

**M.S. in Computer Science**, University of Utah, United States 2022

**B.E. in Mechanical Engineering**, BMS College of Engineering, India [GPA: 9.3/10] 2016

## Technical Skills

**Web Technologies and Frameworks:** HTML5, CSS3, JavaScript, DOJO Toolkit, Bootstrap, jQuery, AJAX, SCSS, TypeScript, AngularJS, ASP.NET Core MVC, Blazor.

**Programming Languages and SaaS Technologies:** C, Java, C#, GraphQL, Restful Services.

**Methodologies:** Test Driven Development, Agile process, CI/CD Pipeline.

**Tools:** Eclipse, IntelliJ Idea, Visual Studio Code, Visual Studio, Sublime, Git, Bit-Bucket, SVN, Confluence, Maven, AWS S3, JIRA, Postman, Insomnia, Jenkins.

## Experience

**Senior Technical Consultant**, Blue Yonder(Yantriks), Bengaluru, India 2020–2021

- Developed Enhancements features like on boarding new delivery partner for delivery orders and order capture functionality from IBM OMS Call Center.
- Resolved priority bugs which were business-critical and resulting in loss of revenue. Boosted number of orders captured in a month by 10%.
- Customized an e-commerce website for product (based on micro-service architecture) demo to show available inventory and sourcing location along with chat-bot integration for order inquiry.
- Designed call center application for a US retailer and converted business requirements into the design within two months.

**Senior Associate Technology**, Publicis Sapient(Expicient. Inc.), Bengaluru, India 2016–2020

- Implemented high performance and highly scalable Java application to migrate data from one system to another while pulling data from a database using PL/SQL which was used to migrate millions of orders.
- Implemented an order management system for a global retailer and led a team of 3 to deliver the e-Commerce operation in India.
- Implemented store operations web application using AngularJS for one of the leading US retailers and enhanced in-store pickup functionality.
- Implemented Order Management System for one of the leading US retailers and rolled out the functionalities every two weeks. Demonstrated the understanding of full SDLC and agile methodology.
- Analyzed various systems part of the supply chain and implemented WMS, OMS, and middleware systems for retailers across the globe.
- Designed and developed order search and order cancel functionality in IBM Sterling Store mobile version. Achieved an accuracy of 90% with the deliverables.

## Projects

**Multilingual Product Retrieval** Present

- Analyzing the performance of graph-based multilingual product retrieval model in E-Commerce Search and it's effectiveness.

**Development of Range Extending Electric Two-Wheeler** 2015–2016

- Developed an electric two-wheeler that charges the battery as the vehicle runs and extending the vehicle's range.

**Numerical Modeling and Analysis of Metal Matrix Composites** 2015–2015

- Successfully demonstrated the behavior of MMCs with different shapes and volumes of constituents under various loading scenarios using simulation software such as ANSYS and HYPER MESH.