

# Santhoshakumara N

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## EDUCATION

BMS College of Engineering, Bengaluru, India  
BE, Mechanical Engineering, Aug 2012 - June 2016

CGPA: **9.30**  
(rank: 10/180)

- *Member, Indian Society for Advancement of Materials and Processing Engineering (ISAMPE)*

## RELEVANT WORK EXPERIENCE

Blue Yonder, Bengaluru, India

**Senior Software Engineer**

*Aug 2020 – Present*

- Customized an e-commerce website for product (based on microservice architecture) demo to show available inventory and sourcing location along with chatbot integration for order inquiry.
- Designed call center application for a US retailer and converted business requirements into the design within two months.

Publicis Sapient, Bengaluru, India

**Senior Associate Technology**

*Sep 2017 - Jul 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 eCommerce operation in India.
- Implemented store operations web application using Angular JS 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.

Expicient Inc, Bengaluru, India

**Associate Consultant**

*Jul 2016 – Aug 2017*

- Analyzed various systems part of the supply chain and implemented WMS, OMS, and middleware systems for retailers across the globe.

## ACADEMIC PROJECTS

**Development of Range Extending Electric Two-Wheeler**

*Sep 2015 – Jul 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**

*Feb 2015 – Aug 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.

## RELATED COURSEWORK

- **Computer Science Coursework:** Computer Concepts and 'C' Programming, Design and Analysis of Algorithm\*, Operating System\*, Computer Architecture\*, Discrete Mathematics\*, Computer Networks\*
- **Mathematics:** Linear Algebra, Number Theory, Differential Calculus, Integral Calculus, Ordinary Differential Equations, Partial Differential Equations, Fourier Series, Fourier Transforms, Numerical Methods, Laplace Transforms, Statistics and Probability

\* These courses are enrolled as Non- Degree courses at IIT Madras, which will be completed by 30 April 2021

## TECHNICAL SKILLS

- **Programming/Scripting Languages:** C, Java 8, HTML, JavaScript, CSS, PL/SQL
- **Database:** Oracle, DB2
- **Frameworks and Tools:** Angular JS, Maven, Git
- **Software:** IBM Sterling OMS, Fluent Commerce

## **HONORS**

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- Received the fresher award of the year at Expicient in 2016.

## **EXTRA-CURRICULAR**

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- Taught necessary computer programming coding skills to 9th-grade students as part of the Expicient CSR wing, Ujjwal.
- Taught elementary science to the 6th-grade students as part of an NGO named e-Vidyaloka Trust.