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BTECH, 2017-2021

[Github](#) | [LinkedIn](#)

# Santhosh Kumar

## EXPERIENCE

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### Software Engineer

#### Atria Convergence Technology LTD

Dec 2023 - Present

- Worked on applications such as OMS, NHV, GIS and Smart App.
  - OMS Application:** Developed and maintained an Order Management System (OMS) that integrated data from various websites through web scraping, providing actionable insight and analytics to support marketing strategies.
  - GIS Application:** Contributed Strategically applied GIS for network connectivity, orchestrating spatial layers and crafting customer feasibility reports with geo data maps, polygonal analyses, infusing innovation into each endeavor.
  - Smart App:** Developed a smart notification app using Harura GraphQL, sending personalized notifications based on time, plans, and locations. Implemented event-driven programming to enhance user engagement and satisfaction.
  - APM Integration:** Implemented APM tools to track performance metrics using Elastic search, kibana, APM (node agent), diagnose issues in real-time, enhance system reliability, and improve developer experience through proactive monitoring.

### Software Development Engineer

#### MountBlue Technologies LTD

Sept 2022 - Nov 2023

- Worked on applications such as Rocket Chat, ESB and OCR.
  - ESB Application:** Integrated and managed enterprise level application using ESB, enhancing communication and data exchange between diverse systems.
  - Email Integration:** Integrated Email functionality into Rocket.Chat enabling seamless handling and response to incoming email directly within chat channels using SMTP and IMAP/POP3 protocols.
  - OCR Integration:** Designed and implemented on OCR solution to capture and verify identity proofs with more than 70% accuracy, systematically organizing the images into folders for streamlined management.

### Backend Developer Trainee

#### Function Up

Mar 2022 - Aug 2022

- Designed, implemented, and developed backend applications such as a ,[Blogging Site](#), [Medium](#), [Book Management System](#), [Social Media](#) and [Shopping Cart](#) using NodeJS, ExpressJS, MongoDB and ReactJS.

## SKILLS

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- HTML, CSS, JavaScript, DSA
- NodeJS, NestJs, NextJS, ReactJS, ExpressJS, SQL, NOSQL, GraphQL, TypeScript, GoLang
- Docker, Nginx, Kubernetes, Git

## PERSONAL PROJECTS

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- Productivity\_Management Tool:** **Language/Technology:** NodeJS, Postgres, Docker, NestJS, Prisma, ReactJS, Redux  
A place where you can create boards, lists and cards with roles and permissions for organized collaboration.  
This project is containerized using Docker. All services, including Node, React.  
Source Code: [GitHub](#)
- Chat App:** **Language/Technology:** NodeJS, ReactJS, WebSockets, MongoDB, Docker, React  
Built WhatsApp-like chat app for real-time messaging Secure user authentication responsive UI.  
Website Link: [Preview](#) , Source Code: [GitHub](#)