

# JOEL B KOSHY

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## Career Summary

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Highly motivated and learning driven **MCA** Student with over hands-on experience in **software development**. Eager to leverage technical expertise and enthusiasm for learning in a dynamic professional environment to drive innovation and contribute to the success of software development projects.

## Education

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- **Master of Computer Applications** (\*CGPA : 8.3/10) 07/2022-05/2024  
CHRIST (Deemed to be University), Bengaluru
- **BSc Mathematics** (CGPA : 9.39/10) 06/2019 - 06/2022  
Mahatma Gandhi University , Kottayam
- **CBSE XII** (Percentage : 94.2%) 06/2018-05/2019  
St.Gregorios Senior Secondary School, Pathanamthitta

## Experience

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**Software Engineer Intern** [Givfin](#) 04/2023 -08/2023

- Contributed to the development of AGRI Stack, a platform enabling farmers to seamlessly apply for loans
- Played a key role in the **SHG (Self Help Group)** team, driving significant changes to the data flow within the AGRI Stack platform and resulting in reducing the Turn Around Time by 30% .
- Implemented relevant changes in the ReactJS TypeScript frontend, and NestJS backend aligning it with the new flow requirements.

Tech Stack : ReactJs, Redux Toolkit, NestJs, TypeScript, MySQL, Git

## Projects

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[Notio - Social Media Sentiment Analyzer](#) 07/2023 - Current

- Developed a web application that dynamically scrapes comments from social media posts using Selenium and Flask, and performs sentiment analysis to gauge user feedback.
- Utilized React to create an interactive frontend that allows users to input social media post links and visualizes sentiment analysis results through engaging graphs and charts.
- Implemented natural language processing (NLP) techniques with NLTK to analyze scraped comments, enabling the system to classify sentiment as positive, negative, or neutral.

Tech Stack : ReactJs, TypeScript, Flask, Selenium, NLTK, Postman, Git

[ShopSmart - Self Checkout System](#) 01/2023 - 04/2023

- Developed a web application that Improved customers' shopping experience with a self-checkout system that utilized mobile scanning technology.
- Stored and managed product information, customer data, and transaction history with a database management system.
- Provided a fast, efficient, and convenient way for customers to purchase items in a store.

Tech Stack : ReactJs, NodeJs, Express, Material-UI, MySQL, Git

## Skills

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- C | Python | JavaScript | TypeScript | ReactJs | NodeJs | ExpressJs | Redux | NestJs | Material-UI
- MySQL | NoSQL | MongoDB | Git | GitHub | Postman | OOP | NLTK
- Frontend | Backend | Full Stack | Data Analytics | Machine Learning

## Mentorship

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- Leading and organizing MGOCSM, a student welfare group, as Vice President.
- Google Students Developers Club, Core Web Development Member, during first year MCA.

## Others

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- Conducted a seminar on the topic **Large Language Model** and its possibilities for around 40 participants
- Got awarded by CBSE for scoring 100 marks in Computer Science 12th Board Examination

## Certifications

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- [Givfin - Internship Completion Certificate](#)
- [GDSC - Completion Certificate](#)