

# ROSAMMA CHACKO

## ★ INTRODUCTION

Recent Computer Science graduate with hands-on experience gained through an internship at Steyp, an Edtech startup.

Strong grasp of software development principles, coupled with a passion for leveraging technology to solve real-world challenges. Eager to contribute skills in software development to a dynamic team.

## ★ SKILLS SUMMARY

- **Python:** Developed algorithms for text summarization and handled large datasets effectively.
- **Data Science and Data Analysis:** Skilled in Data Science and Data Analysis, to get insights from large datasets, using statistical methods and machine learning techniques
- **Java, JavaScript, Angular and Flutter:** Proficient in developing and maintaining applications using Java, JavaScript, Angular, and Flutter
- **ASP.NET:** Created web-based applications for disaster relief management with dynamic content and database integration.
- **C and C++ Programming:** Engineered software solutions to automate library management tasks and enhance user experience.
- **PHP:** Developed database-driven web applications for student admissions and performance management.
- **HTML, CSS, ReactJS:** Designed intuitive user interfaces for gathering and analyzing feedback in educational settings.
- **SQL:** SQL programming to manage data effectively.

## ★ WORK EXPERIENCE

### Steyp

(An Edtech startup incubated & accelerated by Talrop)

- Internship  
August 2021 - September 2021



## ★ PROJECTS DONE

### Project 1: Text Summarization Using Machine Learning in projects section

- Text Summarizer is a web-based application which helps in summarizing the text i.e., compressing them into a shorter version while preserving its overall meanings. We can upload our data and this application gives us the summary of that data in as many numbers of lines as we want. This project helps us to give a brief context of the large content and identify the interest area.  
This is a Python project. The branch of NLP that task that extracts the relevant topic from the textual document is the automatic text summarizer.  
It does the task of converting the long textual document into short fluent summaries. There are generally two ways of summarizing text using automatic text summarizer, first is using extractive text summarizer and another is abstractive text summarizer. In this project not only a text summarization is done, it also includes pdf summarization and URL summarization. We can extract main keywords in a large text, also possible collect reference website and better understanding with image. There are many datasets available for summarization. The datasets domain ranges from News articles, Reddit and Wikipedia.



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## EDUCATION

### Masters in Computer Application

- Kristu Jyoti College of Management and Technology (MG University)
- 2022 - 2024

### B.Sc Computer Science

- Assumption College Autonomous, Changanacherry
- 2019 - 2022

### Plus Two

- St. Mary's HSS, Champakulam
- 2019

## COURSES

- Database Management course from NPTEL Online Certification

### Project 2: Public Transportation Details Storage System in Java

- The main aim of Public Transportation Details storage system is to accept and store data about mode of Transportation and specific the destination. It can prove to be useful in many ways to track the route maps of each person for any security or medical reasons if necessary.

### Project 3: Save Kerala in ASP. NET

- The Save Kerala project aims to develop a comprehensive web-based platform utilizing ASP.NET technology for efficient disaster relief management in the state of Kerala, India. Kerala, known for its scenic beauty and vibrant culture, often faces natural calamities such as floods, landslides, and cyclones, leading to significant loss of life and property

### Project 4: Library management system in C

- The Library Management System project in C aims to develop a reliable and user-friendly software solution to automate various tasks involved in managing a library efficiently. Traditional library management processes often rely on manual methods, leading to inefficiencies, errors, and difficulty in accessing information. This project seeks to address these challenges by leveraging the power of programming in C to create a robust system that streamlines library operations and enhances user experience.

### Project 5: Online Student Admission Management System in PHP

- Online Student Admission Management System that manages certain school's admissions and other data/records. This system stores the list of students along with the relevant information. The system has many features such as enrolment, admission applications, performance management and, and many more. This system is an online system that can be accessed throughout the organization and outside as well with proper login provided.

### Project 6: Student Feedback Form in ReactJS

- The Student Feedback Form Project, developed using ReactJS, endeavors to revolutionize the process of gathering feedback from students in educational institutions. Traditional methods of feedback collection often involve paper-based surveys or cumbersome online forms, leading to low response rates and limited insights. This project leverages the power of ReactJS, a JavaScript library for building user interfaces, to create an intuitive, interactive, and user-centric feedback platform.

### PERSONAL ATTRIBUTES

- Passionate about technology
- Excellent communication, with clear professional language
- Motivated to take up challenging assignments
- Constantly improving my skills and knowledge

### PERSONAL DETAILS

- Nationality: Indian
- Marital Status: Single

### PROFESSIONAL REFERENCES

- Dhannya K  
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