

# Partha Santosh

Software Engineer

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<https://parth0022.github.io/>

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Thiruvananthapuram, Kerala, India

Full Stack Developer with expertise in front-end and back-end technologies, including JavaScript, React, Python, and database management. Experienced in web application development, optimizing user experience, and working in agile environments with data-driven insights using Google Analytics.

## Core Skills

Languages : Python, C/C++, SQL (MS-SQL, MySQL), JavaScript, HTML, JSON, CSS, jQuery, React.JS,

DevOps and API Tools : Git, Postman, Software Products, Technical Documents, HTML5, Debugging Code, Programming Languages, Agile Development, Java, Ability To Learn, Troubleshooting, Work Well Under Pressure, Communication Skills, Researching

## Education

### MAR BASELIOS COLLEGE OF ENGINEERING AND TECHNOLOGY

Jul 2019 - Jun 2023

#### Bachelor of Technology

Computer Science  
GPA 6.7

### CHINMAYA VIDYALAYA

Jun 2017 - May 2019

Maths  
GPA 7.89

### Christ Nagar Higher Secondary School

Jun 2006 - May 2017

Science Stream  
GPA 6.31

## Languages

English (*Fluent*)

Hindi (*Fluent*)

Malayalam (*Fluent*)

## Work Experience

### Junior Software Engineer

Oct 2023 - Apr 2024

[TE META TECH](#) | South Carolina, United States

- Earned a coveted spot as a Software Engineer through a highly competitive internship program, surpassing 13 other candidates (selected 2 out of 15) .
- Spearheaded the development of two dynamic, fully operational websites using WordPress, enhancing user engagement and experience.
- Leveraged Google Analytics and All-in-One SEO to drive website traffic and improve search engine rankings through comprehensive SEO strategies and data-driven insights.
- Engineered custom WordPress plugins using PHP, HTML, and CSS, expanding site functionality and optimizing performance.

### Associate Software Engineer Intern

Jul 2023 - Oct 2023

[TE META TECH](#) | South Carolina, United States

- Led a team to design and develop a prototype streaming service website for the company's app using WordPress, demonstrating strong leadership and technical skills.
- Developed a dynamic Quiz app by integrating REST API, delivering an interactive user experience and showcasing advanced backend proficiency.

## Projects

### EARLY-STAGE PARKINSON'S DISEASE DETECTION

Sep 2022 - Jun 2023

Co-developed an innovative application leveraging machine learning models to facilitate the early detection of Parkinson's disease, contributing to healthcare advancements.

### SIGN LANGUAGE DETECTION FOR DEAF PEOPLE

Aug 2022

Collaborated on the development of a machine learning-powered application to accurately recognize and translate sign language gestures, empowering communication for the deaf community

## Awards

**Certificate of Participation** May 2023  
*InApp*

12th CSI-InApp INTERNATIONAL  
STUDENT PROJECT AWARDS 2023 by  
InApp.

**Certificate of Participation** Jun 2022  
*MAR BASELIOS COLLEGE OF  
ENGINEERING AND TECHNOLOGY*

Sub-core committee member in the  
Decoration team during Crossroads 2022 at  
Mar Baselios College of Engineering and  
Technology (Autonomous) on June 26,27 &  
28 2022

## Certificates

**Google Analytics**  
*Google Analytics Academy*

## Interests

Reading, BasketBall, Cricket, cycling,  
Gaming

## PASSWORD GENERATOR

Aug 2024

Engineered a secure Password Generator using Python, enhancing data protection through robust password creation.

## MAD LIBS GENERATOR

Aug 2024

Created an engaging Mad Libs Generator with Python, showcasing creative programming and user-interactive design.

## CALENDAR VIEWER COMPONENT

Aug 2024

Developed a customizable calendar viewer component using HTML, CSS, and JavaScript, optimizing user experience with intuitive design and functionality.

## PERSONAL PORTFOLIO WEBSITE

Jul 2024

Designed and built a professional personal portfolio website with Google Analytics integration, showcasing web development skills and monitoring visitor engagement.

## RESPONSIVE QUIZ WITH API

Aug 2023

Crafted a responsive quiz application using HTML, CSS, and JavaScript, seamlessly integrating API for dynamic content delivery.