Partha Santosh

Software Engineer

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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
TE META TECH | *South Carolina, United States*

Oct 2023 - Apr 2024

- 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
TE META TECH | *South Carolina, United States*

Jul 2023 - Oct 2023

- 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.