

Partha Santosh

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PROFESSIONAL SUMMARY

Passionate software engineer with a strong foundation in computer science and a proven ability to develop and implement innovative software solutions. Eager to leverage experience in web development, Google Analytics, data analysis, and project management to contribute to a challenging and rewarding career in the tech industry.

AWARDS AND CERTIFICATIONS

Spot on tier 3 Award TE META TECH	March 2024
Google Analytics for Business TE META TECH	March 2024
Spot on tier 3 Award TE META TECH	November 2023
Sub-Core committee Member Crossroads'22	June 2022

TECHNICAL SKILLS

Languages : Python, C/C++, Java, SQL (MS-SQL, MySQL), JavaScript, HTML, JSON, CSS

Frameworks : jQuery, React.JS

DevOps and API Tools : Git, Postman

Others : Agile (Scrum/Kanban), Debugging

EXPERIENCE

Junior Software Engineer | TE META TECH July 2023 - April 2024

- Engineered custom WordPress plugins using PHP, HTML, and CSS, expanding site functionality and optimizing performance.
- Spearheaded the development of two dynamic, fully operational websites using WordPress, enhancing user engagement and experience.
- Improved database performance by optimizing SQL queries, reducing load times by 15%.
- Collaborated with cross-functional teams to deliver software projects within deadlines.
- 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.

EDUCATION

MAR BASELIOS COLLEGE OF ENGINEERING AND TECHNOLOGY	BTech in Computer Science GPA: 6.7/10	July 2019 – June 2023
CHINMAYA VIDYALAYA	Maths-Computer GPA: 7.89/10	June 2017 – May 2019
CHRIST NAGAR HIGHER SECONDARY SCHOOL	Science Stream GPA:6.31/10	June 2006 – May 2017

PROJECTS

- EARLY-STAGE PARKINSON'S DISEASE DETECTION** | Python, CNN, SVM, XG Boost, and Ensemble Learning June 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** | Python, CNN 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.
- PASSWORD GENERATOR** | Python Aug 2024
- Engineered a secure Password Generator using Python, enhancing data protection through robust password creation.
- MAD LIBS GENERATOR** | Python Aug 2024
- Created an engaging Mad Libs Generator with Python, showcasing creative programming and user-interactive design.
- CALENDAR VIEWER COMPONENT** | HTML, CSS, and JavaScript Aug 2024
- Developed a customizable calendar viewer component using HTML, CSS, and JavaScript, optimizing the user experience with intuitive design and functionality.
- PERSONAL PORTFOLIO WEBSITE** | HTML, CSS, and JavaScript July 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** | HTML, CSS, and JavaScript Aug 2023
- Crafted a responsive quiz application using HTML, CSS, and JavaScript, seamlessly integrating API for dynamic content delivery.

PROJECT PAPER

A Computer-Aided Diagnosis System for the Detection of Parkinson's Disease

LANGUAGES

- English (Fluent), Hindi (Fluent), Malayalam (Native)