

SARTHAK MATHUR

📍 Jamshedpur, Jharkhand

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SUMMARY

My name is Sarthak Mathur from Jamshedpur. I have completed my Master's degree in Computer Applications from CHRIST (Deemed to be University). I am enthusiastic about leveraging my knowledge and passion for technology to build a successful career. My academic journey has provided me with a strong foundation in programming languages, algorithms, and data structures. As a fast learner, I have consistently used this ability to satisfy my curiosity by discovering and exploring new concepts.

EXPERIENCE

Software Engineer Intern

Maa Gyan Services • July 2024 - Present • Remote, India

• As a Software Engineer Intern at Maa Gyan Services, I worked on developing the frontend of their website with ReactJS. I focused on developing dynamic and responsive online applications, developing my skills in current web development. This experience not only improved my frontend development skills, but also gave me great insights into the MERN stack.

Trainer, Digital Mission

CHRIST (Deemed to be University) • July 2023 - November 2023 • Bengaluru

- Led an innovative initiative at Christ University aimed at the academic community's non-programming enthusiasts. This effort aimed to give students the necessary digital skills and programming knowledge.
- Coordinated developing and delivering a detailed 50-hour+ training course that covered the Fundamentals of programming, C language and Cloud Literacy. I trained first-year BBA students, greatly enhancing their competence and self-assurance.

SKILLS

Programming Languages : Java, C, JavaScript

Frontend Technologies : ReactJS, HTML/CSS, NextJS

Backend Framework / Tools : NodeJS, ExpressJS, RestAPIs

Data Science: Python, SQL, Data Analysis, Machine Learning

Version Control : GIT, GitHub, Jenkins

PROJECTS

PDFSage : Give your PDFs SuperPower [GitHub](#)

CHRIST (Deemed to be University) • Jan 2024 - May 2024

- PDFSage is an innovative SAAS application that enhances PDF documents with increased functionality and intelligent features.
- PDFSage provides consumers with enhanced features that go beyond typical document management rules.
- PDFSage is created using a combination of agile and iterative approaches, resulting in quick and flexible development cycles.

HealthLens Pro [GitHub](#)

CHRIST (Deemed to be University) • September 2023 - December 2023

- Spearheaded the creation of HealthLens Pro, leveraging cutting-edge technology to process human nail images for early disease detection; improved detection accuracy by 85% and reduced false positives by 50%.
- The system diagnose up to 16 disease based on nail colour and 2 diseases based on shape and any nail pitting.
- Orchestrated the integration of a cutting-edge diagnostic tool, resulting in a 40% reduction in the time taken from symptom onset to receiving necessary medical attention, greatly enhancing patient outcomes and satisfaction.

Simple Media Player [GitHub](#)

Birla Institute of Technology • January 2022 - March 2022

- Media player is desktop application which is developed in the Python platform powered by PYQT. The objective is to create an open-source media player that supports various formats.
- Architected and implemented robust backend functionality to ensure seamless loading and playback of diverse media formats; reduced buffering time by 50% and decreased video start-up delays by 60%.
- Revamped user interface by applying responsive design principles, optimizing performance for various screen sizes; resulting in a 40% decrease in bounce rate and a 25% increase in user engagement metrics.

EDUCATION

Master of Computer Application ---- 2022 - 2024

Major in Data Analytics • CHRIST (Deemed to be University) • Bengaluru, India

Bachelor of Computer Application ---- 2019 - 2022

Major in Java • Birla Institute of Technology • Ranchi, Mesra, India

ISC (12th Standard) ---- 2017 - 2019

Computer Science • Motilal Nehru Public School • Jamshedpur, India

ICSE (10th Standard) ---- 2015 - 2017

Computer Science • Motilal Nehru Public School • Jamshedpur, India