Akshat Tamrakar

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Education

Medi-Caps University, Indore	Oct 2021-Present
B. Tech. (Information Technology)	8.8 CGPA (Latest by 4th sem.)
Expected graduation year – 2025	

Christ Church Convent School, Gadarwara, M.P. Board	2021
Higher Secondary Schooling	93.6 %

Christ Church Convent School, Gadarwara, M.P. Board	2019
Secondary Schooling	93.4 %

Experience

Stolid   June-July 2023
Web Developer Intern

- Enhanced project functionality with the use of Node.js, MongoDB, and AWS S3 connectivity, allowing for fast database queries and Razorpay payment processing.
- Multi-level authentication was put into place to guarantee safe user interactions and data security.
- Held many meetings and made use of efficient communication to understand customer needs and make sure project goals were fully understood.

Skills

Languages: C++, Javascript, Java, Python
Libraries/Frameworks: React, NodeJS, Express, Flask, Tensorflow, Keras, Hadoop
Databases: MongoDB, MySQL
Platforms/Tools: Netlify, GitHub Pages, Vercel, Git, Databricks, Sqoop, Hive

Projects

Chinook Dataset Analytics [Sqoop, Hive]
> Implemented an ETL pipeline using Sqoop to transfer MySQL database tables to Hive in Hadoop, conducted diverse analytics queries, and stored results in HDFS for business intelligence in the Chinook music database.

Stock Price Analysis with PySpark on Databricks [PySpark, Databricks]
> Leveraged PySpark on Databricks to conduct comprehensive stock price analysis, including data cleaning, time series analysis, and advanced analytics, yielding actionable insights for strategic decision-making.

Volunteer and Community

ACM Medi-Caps Chapter *[Technical Team Lead]***:** I've lead an aspiring team of developers, and designers and helped them build innovative projects.

Wittyhacks: Participated in 36 hours' offline hackathon at NMIMS Indore. Worked on web based hiring solution application.

JWOC: Participated in JGEC Winter of code organized by JGEC. Contributed in School ERP Portal, build APIs for it. Contributed in ScrapeUp python library for GitHub page web scraping.