AYUSH KANAUJIA

Software Developer

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SUMMARY

Software Developer and **Data Analyst** with a Bachelor of Science in Computer Science, specializing in crafting robust data solutions and innovative applications to streamline operations and enhance decision-making processes. With an analytical mindset and a suite of technical skills spanning backend and frontend development, BI reporting, and database management, have a proven record of delivering comprehensive analytics projects and intuitive software applications. Commitment to excellence is reflected in leadership roles and recognized through academic honors, underscoring ability to not only analyze and interpret complex data but also mentor and empower others in technology- driven environments.

SKILLS

Languages:	Python,JavaScript, HTML5, CSS3, SQL, Java, C, C++, Typescript
Frameworks:	React.JS, Vue.JS, Express.JS, Angular.JS, Node.JS, Flask, Django
Databases:	MySQL, MongoDB, PostgreSQL, T-SQL
UI/UX:	Figma, Canva, Wordpress, Wix
Cloud Tech:	Amazon Web Services (AWS), Google Cloud Platform(GCP)
Tools:	Visual Studio Code, Jupyter Lab, MySql Workbench, MongoDB, Postman, Azure Data Studio, Docker, Github, Tableau, PowerBI

EDUCATION

Jan 2019–May 2023 **BACHELORS OF SCIENCE IN COMPUTER SCIENCE** **Northwest Missouri State University (NWMSU)**

Related Courses: Web Development and Web Apps, Linear statistics modeling, General Statistics, Web Mining, Data Visualization, Advanced Database Systems, Python Programming, Java Programming, Data Structures and Algorithm, Application Development, Operating Systems, Software Engineering Principles, Cloud Computing, Big Data, Theory and implementation of Programming languages.

EXPERIENCE

Aug 2021–May 2023 **SOFTWARE DEVELOPER** **NWMSU (Maryville, MO, 64468)**

- Built scheduling app using React.js and Express.js to optimize user experience on an online education platform.
- Achieved 60% increase in accountability and a 50% boost in student-faculty engagement by enhancing event tracking system and delivering data analysis and predictive models.
- Designed scalable Express.js backend APIs, enhancing server-side functionality and database integrity.
- Executed strategic database schema migrations and resolved critical system bugs.

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React.js  /  Express.js  /  Node.js  /  MySQl  /  Postman
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Aug 2022–May 2023 **RESEARCH ASSISTANT** **NWMSU (Maryville, MO)**

- Led a university research project developing a GPS and QR code-based parking app, showcased at CCSC 2023.
- Enhanced parking efficiency for 80% of commuter students.
- Engineered WebApp using Vue.JS, integrating real-time geolocation for optimal parking solutions.
- Implemented QR code scanning system for seamless parking registration, managed via MySQL Workbench.
- Revolutionized student parking experience, achieving significant time-saving and convenience.

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Vue.js  /  MySQL  /  Overleaf
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May 2019–May 2021 **DATA ANALYST** **NWMSU (Maryville, MO)**

- Led full-cycle SDLC with Agile, focusing on Tableau implementation and enhancing operational efficiency.
- Delivered insights using Tableau, Power BI, and SQL, optimized database for student record tracking.
- Maintained Tableau with different data sources like GCP(Big Query), MySQL Workbench, AWS and MS Excel.
- Employed Python for data modeling and manipulation and used MySQL for data storage in Agile team settings.
- Used tableau's extract feature for data integration and scheduled data flow for seamless data integration.

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Tableau  /  Power BI  /  MySQL  /  GCP(Big Query)  /  Excel  /  AWS(Redshift)
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PROJECTS

Aug 2023–Jan 2024 **SOCIAL MEDIA APPLICATION (TRENDING_HASH)** **Full Stack Project**

- Engineered a full-stack social media application with React.js, Node.js, and MySQL, incorporating JWT authentication, follow-unfollow dynamics, and comprehensive media management.
- Enhanced user experience with an infinite scroll feature with pagination and private route security, ensuring both usability and application security.
- Created an algorithm-driven trending hashtag system to increase user engagement and content visibility.
- Streamlined content management with an interactive suite for efficient post processing and multimedia storage.

May 2023–Aug 2023 **UBER DATA ANALYSIS AND ENGINEERING** **Data Analytics and Data Engineering Project**

- Conducted comprehensive data analytics on Uber datasets, leveraging GCP Storage, Python, and Mage Data Pipeline Tool for ETL processes.
- Designed a robust data model using Lucid chart, implemented an efficient ETL pipeline on GCP, and processed data in BigQuery using advanced SQL queries.
- Developed an interactive dynamic Tableau dashboard featuring diverse visualizations and collected profitable insights about the company.