Ayush Kanaujia

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Education

Northwest Missouri State University(NWMSU)   May 2023
Bachelor of Science in Computer Science (GPA: 3.20 / 4.00)   *Maryville, Missouri*
- **Relevant Coursework:** 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

NWMSU   Aug 2021 – May 2023
Software Developer   *Maryville, Missouri*
- Implemented scheduling application API using Node.js and Express.js to optimize online education platform.
- Built event tracking system by using React and Redux, result in achieving 60% increase in accountability and a 50% boost in student-faculty engagement in first month.
- Optimized MySQL database queries, reducing page load times by 15% and enhancing overall application performance.

NWMSU   Aug 2022 – May 2023
Research Assistant   *Maryville, Missouri*
- 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 by implementing Bull library in Node.js for creating asynchronous queue operation.
- Engineered Web Application using React.JS, integrating real-time geolocation for optimal parking solutions.
- Implemented QR code scanning system for seamless parking registration, managed via MySQL Workbench

NWMSU   Jan 2020 – May 2023
Career Ambassador   *Maryville, Missouri*
- Built and maintained job application tracking system for university students to track applied jobs.
- Implemented job tracking Rest API using node.js for communicating with client-side and storing user given job data.
- Developed dynamic web application using react.JS, integrating, displaying collecting real time user data. Implemented data storage and retrieval by using MySQL database
- Designed and displayed dynamic user interactive analytical dashboard with job detail data, increased 70% user engagement .

Projects

SOCIAL MEDIA MOCK UP | *React.js, Node, Express.js, MySQL*
- 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.

UBER DATA ANALYSIS AND ENGINEERING | *Tableau, Python, MySQL, GCP(Big Query), Excel, AWS(Redswift)*
- 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.

Technical Skills

Languages: Python, JavaScript, HTML5, CSS3, SQL, Java, C, C++, Typescript
Technologies: React.js, Node.js, Express.js, Angular, Vue.js, Tableau, PowerBI, MySQL, MongoDB, Django, Flask, TensorFlow, PyTorch, Bootstrap, Flask, Visual Studio Code, Pandas, Jupyter Lab, Android SDK
Concepts: Compiler, Operating System, Virtual Memory, Cache Memory, Encryption, Decryption, API, Artificial Intelligence, Database Normalization, Agile Methodology, Cloud Computing, Machine Learning, Neural Networks,