

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.

Projects

Job-Peer.com | *React.js, Node.js, Express.js, MySQL, Web Sockets, Firebase*

- Developed a full-stack Job tracking application with React.js, Node.js, Express.js, MySQL, WebSockets and Firebase Authentication, incorporated JWT authentication and password hashing, follow-unfollow dynamics by using Web Sockets, and comprehensive Google authentication using firebase.
- Enhanced user experience with an interactive and informative home dashboard with infinite scroll feature with pagination and private route security, ensuring both usability and application security.
- Created an algorithm-driven Restful API for job saving and tracking system with peer following and tracking.
- Enhanced user job tracking experience by incorporating statistical representation and tailored UI/UX by using tailwind css.
- Project link: www.Job-Peer.com

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.

Experience

Northwest Missouri State University

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.

Northwest Missouri State University

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 Dijkstra's Algorithm.
- 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

Northwest Missouri State University

Jan 2020 – Aug 2021

Career Ambassador

Maryville, Missouri

- Actively assist 8-10 students daily with the development of professional resumes and cover letters, enhancing their job application skills and confidence.
- Skillfully manage job postings on various social media platforms using the 'Hire a Bearcat' portal, effectively connecting students with potential career opportunities.
- Conduct approximately 4-5 engaging and informative tours daily for prospective students and parents, showcasing the university and career services' offerings.
- Lead the organization of key campus events for Career Services including Career Day, Mock Interview Day, and Speed Networking events, fostering valuable connections and practical experience for students.

Technical Skills

Languages: Python, JavaScript, HTML5, CSS3, SQL, Java, C, C++, Typescript

Technologies: React.js, Node.js, Express.js, Angular, tailwind css, Firebase, Vue.js, Tableau, PowerBI, MySQL, MongoDB, Django, Flask, TensorFlow, PyTorch, Bootstrap, Flask, Visual Studio Code, Pandas, Jupyter Lab, Android SDK, AWS, GCP

Concepts: Compiler, Operating System, Virtual Memory, Cache Memory, Encryption, Decryption, API, Artificial Intelligence, Database Normalization, Agile Methodology, Cloud Computing, Machine Learning, Neural Networks,