

EDUCATION

Amity University Madhya Pradesh

Bachelor of Technology in Computer Science (BTech in CSE)

Gwalior, Madhya Pradesh,India

June 2019 - July 2023

SKILLS SUMMARY

- **Languages:** JavaScript, HTML, CSS, C++, SQL,python
- **Libraries:** ReactJs, React Native, Redux, Redux Toolkit, Jest, Micro Front End,Bootstrap,NestJS, Tailwind, HighCharts, GSAP, Styled Components, Stitches, ShadCN, Ag Grid,GoogleOAuth,npm workspaces,swagger,MongoDb
- **Tools:** **Databricks,Node, ,AWS**,Git,Keycloak, Unit Testing, Vercel, Firebase, **CI/CD**, UX,Pentaho report designer,**PDI**
- **Soft Skills:** Excellent communication, Troubleshooting, Problem Solving, Team Management, Decision Making

WORK EXPERIENCE

Software Engineer | Mantra Labs

July 2023 - Present

- Project | **MILES (NestJs Developer)**September 2023 - December 2023
- Empowering Indian Accountants Globally: Revolutionizing CPA & CMA Education and International Career Pathways
- Led the development of a robust backend system using NestJS framework, ensuring scalable and efficient API integration for seamless user experience.
  - Implemented and optimized PostgreSQL and Supabase databases for data storage and management, ensuring reliability and performance.
  - Designed and developed a Google Meeting management system integrated with mentorship sessions, leveraging available credits for efficient scheduling and utilization.
  - Engineered RESTful APIs to facilitate seamless communication between frontend and backend systems, enhancing functionality and user interaction.

- Project | **Mantra Traq (NestJs Developer)**January 2024 - August 2024
- Mantra Traq is a project management platform designed to streamline team collaboration
- Spearheaded end-to-end backend development using NestJS framework.
  - Implemented secure authentication and authorization using Keycloak, ensuring role-based access control (RBAC).
  - Integrated backend services with an API gateway using npm workspace, facilitating seamless communication between microservices and ensuring efficient API management and scalability.
  - Leveraged MongoDB for efficient data storage and management, implementing schemas, indexing, and queries to optimize performance and data retrieval speed.
  - Ensured data security and compliance with industry standards (e.g., GDPR) through encryption, secure API practices, and regular security audits, safeguarding sensitive information and maintaining user trust.
  - Implemented npm workspaces to efficiently manage and coordinate multiple related packages within the project, ensuring seamless integration and streamlined development workflows.

- Project | **Validus (Data Engineer)**August 2024 - Present
- Automated Report Generation System using Pentaho and AWS Glue
- Designed and developed data transformation pipelines using **Pentaho Data Integration (PDI)** to streamline ETL processes.
  - Created and optimized **custom reports in Pentaho Report Designer**, ensuring accuracy and actionable insights.
  - Implemented **AWS Glue** for data processing and transformation, improving efficiency and scalability.
  - Integrated multiple data sources to generate comprehensive reports for business intelligence.
  - Optimized **ETL workflows** to enhance data consistency, integrity, and performance.
  - Collaborated with stakeholders to define reporting requirements, ensuring alignment with business objectives.
  - Developed **SQL queries** and optimized database performance to improve report generation speed.
  - Ensured **data quality and validation** by implementing error handling and logging mechanisms in ETL pipelines.
  - Automated **data extraction, transformation, and loading (ETL) processes**, reducing manual effort and processing time.
  - Maintained **data security and compliance** by implementing access controls and adhering to best practices in data governance.

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## PROJECTS

### MERN Stack Ecommerce

February 2021 - December 2021

Developed a full-stack e-commerce platform, Glasskart & Inventory management system, using React.js, Node.js, and MySQL, facilitating seamless purchase of sunglasses and eyeglasses.

- Developed and maintained a responsive e-commerce platform using React.js and Node.js for purchasing sunglasses and eyeglasses.
- Implemented backend functionalities with Node.js and MySQL, ensuring efficient data management and system reliability..
- Enhanced user experience through intuitive frontend design and smooth navigation using React.js.
- Managed end-to-end development of an e-commerce site, optimizing performance and scalability with Node.js and MySQL.
- Integrated payment gateways and order management systems, ensuring seamless transactions and customer satisfaction.

### Web Crawler For Online Inflation

January 2022 - February 2022

Inflation Data Processing Pipeline using AWS, Apache Spark, and Pandas

- **Designed and implemented a data pipeline** for processing inflation data using AWS services, Spark, and Pandas.
- **Ingested and stored raw data** in **Amazon S3** and used **Amazon Athena** for querying and analysis.
- **Developed ETL workflows** using **Apache Spark on Amazon EMR** to transform and process WARC and Parquet files.
- **Performed data transformations** using **Pandas and Python**, enabling structured data analysis and reporting.
- **Optimized data processing workflows**, improving efficiency and scalability for large-scale data ingestion and analysis.
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## ACHIEVEMENTS

- Employee of the Month
- SQL (Intermediate) Certificate

April 2024  
January 2024