

Ameer Suhel Mohammed

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EDUCATION

Indiana University-Purdue University Indianapolis

Master's in health informatics

Indianapolis

Aug 2021 – May 2023

Acharya Nagarjuna university

Bachelor of Pharmacy

Guntur, India

Aug 2016 – May 2020

EMPLOYMENT

Eskenazi Health - Health and Hospital Corporation

EPIC-SAP S4 HANA Developer, ETL developer

Indianapolis

April 2024 – Present

- Configured and maintained Epic databases, SAP S/4 HANA databases, and SSIS servers, ensuring optimal performance, health monitoring, and adherence to documentation standards.
- Designed, modified, and monitored ETL/ELT processes to meet organizational needs, developed new workflows for integrating additional data sources needed for Power BI implementation, and ensured daily process completion.
- Developed SAP S/4 HANA data models tailored to operational requirements, collaborated with Analytics teams to troubleshoot issues, and optimized queries for efficiency.
- Ensured secure and accurate SQL database access, participated in change control processes for technical activities, and provided on-call support for troubleshooting database & SSIS package issues.

Herman B Wells Center, IU school of medicine

Research Assistant

Indianapolis

Mar 2022 – May 2023

- Conducted preclinical studies and genotyping on over 300 mice disease samples of cancer. Collected, analyzed, processed, and reported clinical trial research data to the Principal Investigator.
- Applied PCR and gel electrophoresis data for molecular differentiation of DNA, RNA, and proteins, aiding in detecting 75% of cancer drug-induced DNA changes in mice.
- Scrutinized data quality and integrated it into appropriate databases and conducted research in compliance with standards and regulations.
- Maintained regulatory documents and comprehensive laboratory records. Effectively managed data from multiple studies, including the generation of research reports.

HANDS in Autism, IU School of medicine

Data Analyst

Indianapolis

Aug 2022 – Dec 2022

- Contributed to the successful execution of multiple clinical research projects focused on autism spectrum disorder (ASD), by conducting data collection and improved the accuracy rate by 20%.
- Proficiently utilized research data management systems such as REDCap and CERNER to collect, store, and analyze critical research data with creation of data repositories.
- Adhered to rigorous Standard Operating Procedures (SOPs) to maintain protocol compliance and ensure the highest quality of research data being liaison for clinician's program protocols compliance.
- Conducted retrospective chart reviews to identify protocol-eligible patients and maintains study-related documents such as screening logs, enrollment logs, regulatory binders, etc.
- Performed medical chart reviews to perform data entry into Electronic Data Capture (EDC) systems.
- Proficient in query resolution, ensuring accurate and timely data clarification for research integrity.

BHIRC-Indiana University

Research Assistant

Indianapolis

Oct 2021 – April 2024

- Led a team of six for data collection from federal agencies and different regions of the United states, populating 80% of the database for the BioHealth Informatics department using python and SQL.
- Collaborated with the clinical project manager, ensuring project timelines adherence, and increasing data collection from 50% to 70%, while playing a key role in integrating standardized state datasets with databases for program accreditation.
- Demonstrated data collection proficiency by creating and updating 5 data extraction scripts, delivering customized reports aligning with stakeholders' needs.

NRI general hospital

Clinical informatics pharmacist

Guntur, India

June 2020 - May 2021

- Collaborated with medical teams to update electronic medical records, ensuring accurate patient information and aiding clinical documentation.
- Improved prescription accuracy and patient outcomes by offering drug information, regularly reviewing medication charts, and aligning with safety standards.
- Supported patients in a fast-paced setting by cross-referencing medical records, safety standards, and insurance requirements, ensuring comprehensive care.
- Contributed to pharmacy operations through medication dispensing, prescription refills, trend analysis, and database management, underpinning organizational growth.

HEALTHCARE SKILLS

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| • Standards: HIPAA, HL7, ICH, GCP, and IRB | • Medical Ontologies: ICD, SNOMED, RxNorm and LOINC |
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TECHNICAL SKILLS

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|--|---|
| • Health Systems: EPIC Systems & Cerner | • Microsoft office: Word, Outlook, Access, Excel, and PowerPoint |
| • Data Management: SSIS & SAP S4 HANA | • Electronic Data Capture systems: REDCap & Qualtrics |
| • Programming: SAS, SQL, SPSS, R-studio, and Python | • Version control: GitHub |
| • Data visualization: Tableau and Power BI | |
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CERTIFICATIONS:

- EPIC – Cogito Fundamentals (COG170)
- EPIC – Clarity data model (CLR110)
- EPIC – Caboodle data model (CDW110)
- EPIC – Clinical Data models (COG240)
- EPIC – Cogito systems Administration (COG280)(Training)
- EPIC – Cogito systems Administration (COG380)(Training)
- Good Clinical Practice (GCP) and Biomedical Researcher