

# Arun Kumar Regonda

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## Education

**California State University Long Beach (CSULB)**  
M.S. in Computer Science

Jun. 2024

## Experience

### Accenture

Jun 2021 - Jun 2022

#### Application Development Associate

Share Point Migration, Excel, ServiceNow, Tableau Git

- Conducted pre-analysis and post-analysis for data migration, facilitating a seamless transition from on-premise to cloud environments, resulting in a 20% reduction in migration-related issues.
- Executed migration and data validation procedures, guaranteeing zero data loss during the process.
- Implemented a comprehensive data analysis process to identify and resolve migration errors, resulting in a 40% decrease in downtime and a 25% improvement in system stability within three months.
- Generated comprehensive site reports detailing migration progress and site-specific details, resulting in a 30% increase in project transparency and efficiency.
- Ensured system availability by coordinating with cross-functional teams to implement production environment changes and swiftly address outages, minimizing downtime.
- Reduced data analysis time by 75% by creating analytical reports and interactive dashboards with Tableau and Excel.

### Infosys

Feb 2021 – May 2021

#### Full Stack Developer - Intern

MongoDb, Express, Angular, HTML, Node JS, Postman

- Designed a MEAN Stack web application for hospital appointment booking and health information.
- Developed a user-friendly interface integrating front-end with back-end for seamless functionality.
- Collaborated with Testing team and executed cross-device compatibility testing leading to a 40% increase in user satisfaction and a 50% rise in average session duration, resulting in a 10% boost in app retention.
- Guided hospital and department recommendations based on user-specified health issues.
- Integrated timely notifications for local hospital health camps and enabled users to access information on available blood groups at nearby hospital blood banks. This resulted in a 40% boost in attendance rates for health camps and a 25% increase in community health awareness.

## Projects

### TuneTherapy | NLP, Jupyter, AI, Excel

Dec 2023

- Developed a responsive computer software for mood assessment based on user playlists.
- Incorporated Natural Language Processing (NLP) techniques for data preprocessing.
- Employed Excel for data manipulation and organization and Implemented TF-IDF vectorization for feature extraction.
- Exercised Latent Dirichlet Allocation (LDA) for topic modeling.
- Orchestrated the successful integration of the XGBoost classifier into the existing system, leveraging user characteristics to enhance mood prediction accuracy by 45%.

### DeliDash | Java, Eclipse, Oracle, Software Development

Jul 2023

- Designed and created a Java-centric food delivery system leveraging OOP principles comprehensively.
- Led a team of 5 developers to incorporate a variety of supplementary features, including user differentiation, caching recent orders, tailored promotions, a robust notification system, and diverse payment methods.
- Applied OOP principles such as Singleton, Abstract Class, and Observer to enhance system architecture and functionality, leading to a 25% reduction in development time and a 15% decrease in bug incidents.

## Skills

### Languages:

Java, Python, C, C++, SQL, NoSQL, HTML,CSS, JavaScript, TypeScript, Angular, Node.js, MongoDB

### Technologies & Tools:

Informatica, ServiceNow, RPA, Tableau, Postman, SharePoint Migration Tool, Git

### Certifications:

Automation Anywhere RPA Advanced Professional, Wipro Digital Readiness Program, ServiceNow Certified System Administrator.