

# Likhith Kumar Reddy Suram

+1 (813) 352 9695 | [slikhith96@gmail.com](mailto:slikhith96@gmail.com) | <https://www.linkedin.com/in/lsuram> | <http://bit.ly/GitLink>

With 3+ years of experience developing various applications for organizations as an engineer and tech lead. Software Engineer with exposure to all phases of Software Development Life Cycle such as Analysis, Design, Testing, and Implementation of Web-Based, and Client-Server applications. Inclination towards opportunities that allow me to drive many high-impact projects in a way that leverages my "end-to-end" oriented skill set.

---

## EDUCATION

### Master of Science, Computer Science

University of North Carolina, Charlotte, USA

Dec 2019

### Bachelor of Technology, Computer Science

CVR College of Engineering, Hyderabad, India

May 2017

---

## TECHNICAL SKILLS

**Languages** : Core Java (Android/Software), SQL, JavaScript (Angular 11, React, Node), HTML 5, CSS, Python, Selenium

**Databases** : MySQL , Oracle, PostgreSQL, Microsoft SQL Server, SQLite **NoSQL** : MongoDB

**Machine Learning** : Regression, Classification, Association, Clustering, Sentiment Analysis, Topic Modeling

**ETL & Business Intelligence** : Tableau, MS Excel

**Big data** : Hadoop, Sqoop, SparkSQL, HBase, Kafka, Hive HQL, Scala.

**Other Tools & Cloud** : Jenkins, Jupyter, Dbeaver, AWS, Git, E2E Testing, Eclipse, WinSCP, Android Studio, VS Code, Putty

---

## WORK EXPERIENCE

### Senior Software Engineer @ *Dish Network*

Denver, Colorado Feb 2022 - Current

- Worked with the **Adobe team** and Dish business, to integrate Adobe Analytics into React, sending valuable insight related to user interaction, form completion, ecommerce events, error tracking etc.
- Designed a React Checkout responsible for users to purchase plans and devices across multiple platforms.
- Focused on performance improvements, some of them including removing **duplicate API calls**, disable unneeded modules and UI Components, disable loading specific information to browser local storage on each page load/AJAX call, etc. Other improvements led to a decrease of the checkout render time from ~10 sec to ~2.5 sec!

### Software Engineer @ *Tata Consultancy Services (Citi)*

Dallas, Texas July2020 - Feb 2022

- Redesigned UI accessibility for Citi website and has experience on WCAG 2.0 level A success criteria. Implemented 100 acceptance criteria of **US ADA** compatibility by fixing HTML, CSS, **JavaScript**, and **Angular** Issues.
- Implemented cross browser/cross device compatibility, with emphasis on Responsive Design principles and Interactive web design to display rich media presentations.
- For easy debugging and testing formulated several unit test scripts for different components and services by boosting existing code coverage to 100 using testing frameworks **Karma** and **Jasmine**.
- **Citi.com** - A member of Citi Container team - Engineered the process of upgrading legacy application to Angular 9, Collaborated with a team of 10 on transforming old Citi branding to new branding i.e. header and footer which is common to all pages of Citi website.
- Introduced Angular **Monorepo** strategy for new migration where we have multiple projects in a single repository that helps for better collaboration and code sharing. Extensively used **Git** for better version control.

### Full Stack Engineer @ *MediTechSafe*

Fairfield, Ohio Feb 2020 - July 2020

- Built **REST APIs** for file upload module of internal web application to send files to back-end stream and save them to Amazon S3 bucket using AWS-Go SDK.
- Involved in implementing end to end backend deployment of **Go** lang for Vulnerability Admin module which maps CVEs to vulnerabilities.
- Built custom dashboard development by display various charts like Line, Bar chart & Pie chart to one's compliance using **Angular**. Engineer strongly typed components using **React**, leveraged Relay store in updating UI, Reduced code clutter by 70%, and achieved clear flow of data from model to view.
- Collaborated with internal departments to develop new products and debug existing products. Enhanced user experience by developing **JavaScript**, Angular and **CSS** rich user interfaces.

**Software Engineer Intern @ *nexpera.ai*****Princeton, New Jersey May 2019 – Aug 2019**

- Redesigned user-facing hotel management dashboard which required flexible component architecture that allowed for seamless integration of **React** charts.
- Built new Invoice feature using **React**, **MongoDB**, and SQL Server, in a large-scale effort to update platform technologies, modernize UI, and increase product performance while maintaining functional integrity of legacy features.
- Integrated Amazon Lex chatbot for the existing dashboard to quickly navigate users for their desired service.

**Software Developer @ *DXC Technology*****Bengaluru, India Jan. 2018 – Aug 2018**

- Developed and integrated front-end coding standards including building a shared component library for all web-based projects at the company.
- Lead a team of 4 engineers redesigning the most complicated user flow in the app. This redesign led to 30x performance improvements, better test coverage, and more maintainable code so developers could iterate faster.
- Promote the adoption of modern technologies, including setting up Webpack bundle with Babel, ESLint, hot module reload, production mode to optimize product performance and improve code quality and dev workflow.
- Improve hot module reload time by 50% for local dev and reduced Webpack production bundle size by 50%.

**Software Engineer @ *Edwisely*****Hyderabad, India June 2017 – Dec 2017**

- Designing and implementing high-performance large-scale distributed tier-0 microservices, APIs, data modeling, and systems infrastructure for the ever-growing Edwisely's subscribers need as well as tuning our products for web-scale.
- Design and implement new intelligent automated posting feature on social media channels. Experience with API integration, OAuth authentication, and **MySQL** databases.
- Built an **Angular** web app to schedule and manage interviews, potentially saving 10 recruiter workdays per year. Used **MongoDB**, TypeScript, and integrated with Salesforce and REST APIs.
- Added multiple enhancements to the Edwisely student dashboard user interface for both desktop and tablet web views.

**ACADEMIC & PERSONAL PROJECTS****CVR College Website- HTML5 CSS, JavaScript - [Website Link](#)**

- Designed and Developed Standalone front-end web application of CVR website by creating mockups and converting them into CSS rich user interfaces. Received appreciations from CVR board and students for animating website for the very first time in college history.

**Twitter Sentiment Analysis - Spark Streaming APIs, Kafka, Python**

- Performed basic sentiment analysis on live data stream of real time tweets using Spark Streaming APIs. Used Apache Kafka to stream the tweets before processing.
- Generated line plot by showing count of positive and negative tweets at every time step.

**Surprise Rating Discovery - Python - [GitLink](#)**

- Implemented Data Preprocessing and Feature Set Selection from handpicked 500 health articles. Proposed new feature sets which play a key role in rater's surprise.
- Achieved 70% accuracy from a very low accuracy by implementing models like Support Vector Classification, Naïve Bayes Classification, Logistic Regression and KNN Model by using different feature sets.

**Book Rack Website - NodeJS , MongoDB - [GitLink](#)**

- Designed and created the web portal for the online book trading and bug reporting processes using NodeJS, HTML5, CSS3 and used MongoDB as a database.

**Pubg Real time Dashboard - Python, Tableau - [Dashboard Link](#)**

- Formulated metrics like Player death rate, Survival rate from data obtained on Kaggle and designed PUBG dashboard to publish in tableau server.

**Music Recommender System using ALS - Apache Spark, Python**

- Used publicly available song data from Audioscrobbler, applied collaborative filtering and split the data into training, validation and testing sets. Built multiple models like Support Vector Machine and Random Forest with implicit feedback, performed parameter sweep to choose the best model.