

SHIVA REDDY KOKILATHOTA JAGIRDAR

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OBJECTIVE

EDUCATION

University of Illinois at Chicago (UIC), Chicago, IL
Master of Science in **Computer Science**.

Aug 2019 - Present (**Anticipated May-2021**)
GPA: 4/4

Amrita school of engineering, Bangalore, India
Bachelor of Technology in **Computer Science**

Aug 2012 - Jun 2016
GPA: 8.46/10

TECHNICAL SKILLS

- **Programming Languages:** Java, Javascript, Python, C++ and Golang.
- **Platforms, web-development and databases:** Java EE, Android, Django, nodejs, Reactjs, MYSQL, MongoDB and DynamoDB
- **Devops and deployment:** Heroku, Google cloud platform, Firebase, AWS services (S3, Lambda, VPC, CloudFormation)

PROFESSIONAL EXPERIENCE

Amazon AWS, CodeGuru Reviewer
Software development Engineer intern

Seattle (Remote)
June 2020 - August 2020

- Built a REST API service for the CodeGuru Reviewer Training team using AWS Lambda (Java), API Gateway and DynamoDB that allows users to tag data points with properties, and generate custom ML datasets based on data point properties.
- Involved in the full development life cycle, from initial design and prototyping, to development, testing and release. Led discussions with stakeholders to discuss the overall product vision.

Chargebee
Software engineer - Full stack

Chennai, India
Jan 2016 - May 2019

Worked in the integration and e-commerce teams. Responsible for collaborating with product and design teams to build features and software for the subscription billing platform Chargebee. Designed, developed and maintained :-

- The recurring delivery management module for the product. This module is currently being used by Chargebee's customers to service thousands of deliveries every day.
- The revenue recognition reporting system in a team of 3, to automate the revenue recognition workflow for Chargebee's customers.
- An internal REST API based integration framework to integrate Chargebee to other web apps, and used the framework to integrate Chargebee to accounting platform Xero. The framework is being extensively used by multiple teams to support over 10 other integrations.

PROJECTS

LoopedIn Github Repo

Feb 2020 to May 2020

- A chat-focused social networking platform built using **ReactJS** for UI, **Redux** for client state management, **MongoDB** as backing store, **NodeJS** for backend server and **Firebase** for Authentication. **CI/CD** pipeline was implemented to run unit tests using **Github Actions**. Created **Docker Containers** to automatically deploy on Google cloud platform server.

ARify Github Repo

November 2019

- Developed an AR **android** app which lets the user build dynamic **Augmented Reality** workflows. The app uses **Viro ARCore** for rendering 3D objects on image detection. App follows the latest design principles of material design.
- Developed a **Django** based web server which lets the user upload a 3D object and allow them to link it to the image. The server also exposes a **REST API**, to be used by the android app. The server uses **sqlite-db** for data storage and **Amazon S3** web service for file storage. Bootstrap was used to style.

Stackoverflow tag prediction

November 2019

- Worked in a team to build a machine learning classifier to predict tags for stackoverflow questions using datasets from Kaggle. Logistic regression, SVM and Neural network classifiers were used.

Mix network implementations

November 2019

- Developed a mixed network proxy server implementation for GoLang which uses several mixing strategies to randomize the order of requests in a TOR network and defends the privacy of the network, when under attack.