Gaurav Kshirsagar

Software Engineer

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EXPERIENCE

Synacor Inc., Buffalo, NY

Senior Software Engineer   MAY 2022 - PRESENT

- Implemented authentication functionality for customers migrated from WOW to Breezeline to provide access to Email and TV content seamlessly. Sanitized and aggregated user data for migration.

Software Engineer II   AUG 2018 - MAY 2022

- Developed TV Everywhere integrations following SAML 2.0 and OAuth 2.0 standards between TV providers like Apple, YoutubeTV, AT&T and content providers like HBO, Peacock, Epix and Showtime
- Integrated microservices into an onboarding portal, for clients to register and provision API keys
- Created log parser to get unique authentications from logs and unique authorizations from Splunk
- Scripted a health-check analysis on email servers to gather statistics like CPU usage, memory usage, IO statistics and cache usage
- Built and deployed a package for developing autonomous scripts used for reconciliation

Software Engineer I   APR 2016 - AUG 2018

- Customized Portal product and built Portal integrations with other products for cable providers, such as AT&T, WOW, Hawaiiantel, GCI and Blue Ridge using a Zend-based PHP framework
- Built and deployed a microservice to provision and provision F-Secure license for Blue Ridge

EDUCATION

University at Buffalo, The State University of New York, **Buffalo, NY**

Master of Science, Computer Science and Engineering   AUG 2014 - FEB 2016

University of Mumbai (Sardar Patel Institute of Technology), **Mumbai, India**

Bachelor of Engineering, Computer Engineering   AUG 2010 - AUG 2014

INDEPENDENT PROJECTS

Meeting scheduler chat bot - Synacor Hackathon (Flask, REST API, Python)   FEB 2018

- Built a REST API to translate chat commands and communicate with a service that fetches meeting schedule for a user from Synacor email's calendar API

Friend Recommender System - Kaggle (Apache Hadoop, MapReduce, Java)   AUG 2015

- Extracted mutual friends from a social network graph of 50K users and recommended up to 10 new friends to each user

ACADEMIC PROJECTS

Distributed Hash Table Storage based on Chord (Android, Distributed Systems)   MAR 2015

- Built a system consisting of nodes to store data in (key, value) format with insertion, query and deletion

FindIn - An ad-serving system modeled on search engines (Apache Solr, JSP, Java)   DEC 2014

- Implemented an Ad-serving system based on indexed NY Times corpus of 12K news articles and a dataset of 5K ads with ads ranked on clicks, Cost per click (CPC), bid and relevance

SKILLS

Languages: PHP, Java, Python, Bash, SQL, JavaScript

Databases: MySQL, MongoDB

Web Frameworks: Preact JS, Flask, Bootstrap

Source Control: Git