Saravana Kumar

sknadar.me   github.com/saran87   skumar.murugesh@gmail.com

WORK EXPERIENCE

Conduent(erstwhile Xerox)   Senior Software Developer
Albany, NY   July 2015 - Present

- Developed & maintained microservices using Python, Celery, Rabbitmq, Redis, MySQL, Kafka & JavaScript.
- Used Kafka as centralized distributed messaging platform for processing data in real-time reliably and efficiently.
- Created a micro service framework in Python, enabling developers to stand up a microservice with a Kafka-consumer & Restful API's within hours.
- Developed provisioning and deployment scripts using Ansible. Enabling automatic code release with zero downtime.

pak-track.com   Software Developer
Rochester, NY   January 2013 - 2015

- Implemented real-time data processing server with Python celery framework and Python Tornado framework. Enabling real-time vibration & shock data processing, in turn, increasing the customers usability.
- Developed a model for predicting drop height and face of impact using machine learning techniques
- Worked with Java, netty.io, Protocol Buffer, MongoDB, MySQL, JavaScript, d3.js, AWS, Celery

CausBuzz: Parental Engagement   Co-founder & CTO
Rochester, NY   September 2012 - Present

- Side project with two friends. Beta has 3 schools and 1000 registered parents
- Worked with Sass, Bootstrap, AngularJS, NodeJS, Laravel, MySQL, MongoDB, AWS
- Built backend infrastructure to dispatch email, SMS and push notification for users in real-time.

Infosys   Senior System Engineer
Chennai, India   June 2008 - August 2011

- Published various articles and tools inside the organization for automation and reusability
- Received Best Employee and Best Team award with exceptional rating from the customer

EDUCATION

Master of Science in Information Technology
Rochester Institute of Technology   2011 - 2017 (Expected but currently not enrolled)

- Graduate Assistantship with Full Scholarship

Bachelor of Technology in Information Technology
Anna University, India   2004 - 2008

- Served as a forum secretary for the Department, motivated junior students in research activities

OTHER PROJECTS

- Massive data analysis projects, friends of friends recommendation, Twitter sentiment analysis, recommendation engine using collaborative filtering https://github.com/saran87/machine-learning
- Built a lightweight MVC framework for PHP, and developed a two player game on it, Check game arcade

University
Activities

RIT 48 (48 hours to launch a web startup) March 2012
Won the competition with an idea of increasing volunteer engagement, with incentives from local business, which has matured into a startup (CausBuzz).

iOS App Challenge Spring 2013
Developed an iOS App with a friend in 7 days, which helps students to shortlist and navigate the companies best suits their career goals