

Amrit Sahoo

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PROFESSIONAL EXPERIENCE

Software Engineer

Amazon Web Services, Inc (AWS)

June 2018 – present

Seattle, Washington

- Delivered the API Service for a AWS Global Accelerator, a customer facing product launched recently, end to end including design of database components.
- Delivered a distributed configuration delivery system responsible for delivering data and configuration to edge locations.
- Developed internal tools to facilitate diagnosing and debugging issues in the system using metrics and logs .

Software Engineer Intern

Walmart Labs

June 2017 – August 2017

Reston, Virginia

- Developed a real-time, Big Data pipeline for analyzing 35 million daily sales transactions from over 5500 Walmart Stores across the country. Created Druid database specs and REST API Service. Used Apache Spark, Spring framework and Druid.

Software Engineer

Youngmonk Technologies

November 2015 – April 2016

Bengaluru

- Designed and developed a CRM application handling all business communications and payment transactions with multiple Customer workflows. Applauded for boosting business efficiency and using modular design to integrate future business verticals.
- Developed an 'Auction Platform' for auctioning vehicles. Enhanced the platform to add support for Multitenancy.

Software Engineer

Chronus Corporation

July 2014 – November 2015

Chennai

- Improved system uptime by building an Automated Recovery Solution on AWS platform with Ruby SDK. Improved recovery time by 70%.
- Developed various internal tools - Email monitoring, custom signup workflows and SSO integrations (SAML, OAuth etc). Improved existing security architecture for employee access to the product.
- Built Quality gate A data population framework to prevent performance issues. Work received the best internal tool award.
- Developed a Recommendation System for Chronus Mentor SaaS product, based on Collaborative Filtering, using Ruby and Redis NoSQL database.

EDUCATION

Arizona State University

MS, Computer Science

Tempe, Arizona

(Expected May 2018)

Courses: Distributed Database Systems, Data Mining, Data Visualization, Artificial Intelligence, Software Security.

GPA: 3.9

National Institute of Technology Trichy

Bachelor of Technology, Computer Science and Engineering

Trichy, India

2010 - 2014

Courses: Algorithms, Software Design, Cryptography, Operating Systems, Compilers, Computer Networks.

GPA: 8.26

PROJECTS

- **Interactive Data Visualization** of NYC taxi cabs dataset – Aimed at helping taxi drivers maximize their revenue. *used D3.js, Crossfilter.js and Python Flask.*
- **Spatio-Temporal Hotspot Computation** of NYC Taxi Big dataset using Getis-Ord statistic. - *Apache Spark, Hadoop HDFS*

TECHNICAL COMPETENCIES

- **Languages:** Python, Java, Ruby, PHP, Javascript
- **Tools:** Git, Matlab, Android, Redis, MySql, Tableau, Apache Spark, Apache Kafka, Hadoop, Druid, NewRelic.
- **Frameworks:** ReactJS, Ruby on Rails, Flask, MVC Spring Boot.
- **Cloud Services:** Amazon Web Services (AWS)