

HARSHAVARDHAN RAMAMURTHY

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SUMMARY

Computer Science MS student with 3 years of professional experience in Data Engineering, Modeling and Big Data Technologies. Technically sound at Linux environment with demonstrated experience in Agile Methodologies(Scrum).

EDUCATION

University of Texas at Arlington

M.S. in Computer Science

Aug. 2019 - Present

GPA: 3.0

Visvesvaraya Technological University, Bengaluru, India

Bachelor of Engineering, Computer Science.

Jun. 2012 - Jul. 2016

Overall Percentage: 66.95

PROJECTS

Gatsby Portfolio - Javascript, Markdown, GraphQL

Dec. 2019

A portfolio/bloggging website built using Gatsby JS with blog pages driven by markdown files queried using GraphQL

Article Classifier using NLP - Python, Javascript

Nov. 2019

A Chrome extension driven by a REST API that uses Naive Bayes to classify subjective sentences in a web page. The project aims to help readers construct their own opinion based on facts.

Cost Aware SEcure Routing Protocol - Java, MySQL

Mar. 2016

A Java Swings app to simulate a Cost efficient routing protocol for wireless sensor networks that aims to optimize packet lifetime.

TECHNICAL SKILLS

Languages	Python, Java, Scala, C, Javascript, SQL(pgsql), Bash, HTML, CSS, L ^A T _E X, Markdown
Databases	PostgreSQL, SQL Server, MySQL
Tools & Libraries	Django, SQLAlchemy, Gatsby JS, vim
Big Data tools	Apache Spark, Kafka, HBase, Redis, OpenTSDB
Misc.	Maven, sbt, git, grep, awk, ssh

PROFESSIONAL EXPERIENCE

Flutura Business Solutions

Apr. 2019 - Jul. 2019

Senior Programmer

Bengaluru, India

- Primarily co-ordinated the migration of over 10 microservices and 2+ years worth of data from a 3-node cluster in a VPC to a Kerberized Hortonworks datalake on AWS
- Implemented a data acquisition layer in Python to capture sensor data through a SignalR Hub from one of North America's largest pressure pumping companies

Flutura Business Solutions

Oct. 2016 - Mar. 2019

Programmer

Bengaluru, India

- Digitized the billing process for an Oil & Gas company in Houston by implementing a utility to capture on-field activities i.e. job reporting, custody transfer & registration of operators, etc.
- Contributed to the Data Pipeline of company's product Cerebra, by developing & maintaining stateful real-time event processing services in Apache Spark for data parsing, sanitization and diagnostics
- Trained a group of 5 engineering interns on data modeling, SQL and managed one for a period of 5 months

EXTRA-CURRICULAR

"National Society of Black Engineers(NSBE)" - Collegiate Member

Nov. 2019 - Present

"HackUTD-VI"- participated in the annual Major League Hacking event at University of Texas at Dallas

Nov. 2019

"Demystifying Industrial AI"- co-organized a meetup on Industrial IOT applications with over 30 attendees from various firms in Bengaluru, India

ACHIEVEMENTS

Received the award "Numero Uno" for contributions to the company at Flutura Business Solutions ,Bangalore, India Jun. 2019