

Santosh Rangavajjula

Personal details

Tel +46 767852126

Email rsb.bth@gmail.com

Citizenship / Nationality Swedish / EU

Linkedin <https://www.linkedin.com/in/rsbth/>

Github <https://github.com/rsbth>

Highlights

Project Methodologies	SAFE, Scrum, Spotify Agile scaling model, Waterfall
Languages	Java, C, Python, BASH, HTML, CSS, Javascript
Java Frameworks	Mockito, JUnit, JavaFx, Spring, Jersey, Spring, JDBC, Selenium
Database	Oracle, PostgreSQL, MongoDB (NOSQL), AWS Aurora (Similar to MySQL), AWS DynamoDB (NOSQL)
Tools	Maven, Gradle, GIT, SVN, Jenkins, Teamcity, Docker, Ansible, Terraform, Kubernetes, Sonarqube, Jira
Python Frameworks	SKLearn, Numpy, Pandas, Pytorch, Keras, Django
Cloud	AWS (most used), Azure (secondary usage), GCP (have knowledge and skills)

Experience

Scania

Stockholm, Sweden

PRODUCT OWNER/ MANAGER

Feb 2022 - Present

- Currently
- Through extensive customer interviews, multi variant testing and strong collaboration, driven key AI features that our customers loved.
- Doing market studies, competition analysis and creating minimum marketable features.
- By estimating market reach, impact and relevance to business goals balancing demand to delivery through prioritization of those features
- Proactively addressing user problems as well as being an expert user of the product and engaging with the user community.
- Collaborating with internal (sales, marketing, branding, security, operations,..) and external stakeholders like with Microsoft, Atlassian, GitLab, GetPort
- Coming up with new ideas and new business models for rolling out the features
- Estimations on ROIs, Cost Benefit Analysis and basically understanding user need
- Presented business cases to C suite and got budgets approved for product work

Tele2 AB

Stockholm, Sweden

LEAD DEVOPS ENGINEER

August 2021 - Feb 2022

- Leading technical operations in mobile provisioning
- Worked together with architects and engineering managers to execute the business requirements
- Utilized Kubernetes to streamline and automate operations, leading to zero downtime upgrades and fewer incidents
- Lead the implementation of password store and ansible vault and integrating it to kubernetes secrets and updating CI/CD pipelines in gitlab
- Designated as a systems manager for all AWS accounts in provisioning team.
- Led a team of developers, testers and DevOps in proof of concepts in chaos engineering and improving access management to our microservices

NASDAQ

Stockholm, Sweden

TECHNICAL OPERATIONS MANAGER

Sep 2020 - August 2021

- System owner for AWS Platform, Sonarqube and TeamCity
- Incident handling for cloud systems.
- Acting as a point of contact for all cloud operations on AWS
- Lead development of internal self service portals and tooling to increase development efficiency and security
- Established processes for incident management and change control, driving the adoption of agile and lean methodologies with global development teams.
- Stakeholder collaboration, facilitating discussions between teams for an ongoing initiative, brainstorming with teams and suggesting workflows for their use case.

NASDAQ

SENIOR SOFTWARE DEVELOPER

Stockholm, Sweden

Sep 2017 - Aug 2020

Developed and maintained infrastructure automation (IaC) , CI/CD pipelines with cloud formation, teamcity, docker, maven and gradle for financial applications.

- Mentored junior colleagues and helped in interviewing and on boarding
- Back end development in Java, python. Working with Oracle, Postgresql, mongoDB connectors and queries.
- Working with AWS, Azure cloud deployments
- Deployments of elasticsearch, kibana, grafana, Configuring and monitoring dashboards with data from fluentbit or beats agents .
- Earned a promotion to Technical Operations Manager due to displayed performance and leadership skills

ERICSSON

DEVELOPER

Gothenburg, Sweden

Jun 2017 - Sep 2017

- Software development for analytics and workflow automation between Ericsson insight - Cloud datastore on openstack - and Internal Jira deployment
- Main programming languages used for development were Java and python
- Worked with JIRA REST APIs
- Used SKLearn, deployed with docker and jenkins

AXIS COMMUNICATIONS AB

MACHINE LEARNING ASSIGNMENT

Lund, Sweden

Feb 2017 - Jun 2017

- Using Artificial Intelligence for automation of customer support services -Last in the line of support or Expert support team-. We developed a python web application using the Django framework and tensor flow to create a proof of concept for our text classification technique (Similar to building an LLM). The PoC runs inside a Docker container and builds with Jenkins.

IFS AB

DATA ENGINEERING

Gothenburg, Sweden

Oct 2016 - Jan 2017

- Setting up equivalent cloud services running on Microsoft Azure in Amazon Web Services and analyze performance and costs. This includes setups with Microsoft Azure IOT Hub, SQS, Stream Analytics, and Power BI on the Azure side and AWS IOT, AWS Kinesis Streams, firehose, Quicksight on Amazon Web Services side.

TELENOR AB

DATA ANALYTICS

Karlskrona, Sweden

Jun 2016 - Aug 2016

- Analytics and visualization of network traffic with SPSS Statistics and Alteryx. Visualization was done in Tableau dashboards. The summer assignment carried out was a part of larger research carried out at BTH - SERL.

Upwork.com

JAVA DEVELOPER CONTRACT

Karlskrona, Sweden

Feb 2016 - Jul 2016

- Proof of concept with a Java Swings application for an early startup. The application is designed to be used by sales and marketing personnel to compute metrics for solar panel installations like - ROI, carbon footprint, Kw per meter square.Oracle 10g was used as a database.

CYIENT Inc

JAVA DEVELOPMENT

Hyderabad, India

May 2015 - Jul 2015

- Front end Java development (Human Machine Interface) for a mineral mining application - Faceboss for Joyglobal. IOT , Java Swings, Java FX , JSON, SOAP, Apache Kafka, Unit testing.

GP Green Energy Pvt Ltd.

WEB DEVELOPER

West Bengal, India

Feb 2014 - Jul 2014

- Developing highly responsive web applications with PHP;HTML; CSS;JS.

Education

Hyper Island

BUSINESS DEVELOPER DIPLOMA

Stockholm, SE

Aug 2020 - Dec 2021

- Areas: Process optimization (With IKEA) , Project management (with VenYou) , Data driven decision making, leadership (with Orbit Ventures GmbH) , business strategy (with BlueAir) , branding (with Kombucha Heros) , product design, prototyping and financial analysis.

Blekinge Tekniska Högskola

MASTER OF SCIENCE IN COMPUTER SCIENCE

Karlskrona, SE

Aug 2015 - Jul 2017

- Courses: Multi Processor Systems Artificial Intelligence, Data Analytics, AI Agents (MAS) , Software Security, Information Security, Research Methods and Agile Software Development

JNTU

BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE

Hyderabad, India

Aug. 2012 - May 2015

- Courses: Linear Algebra, Microprocessors and controllers, Compiler Design, Object Oriented Programming, Computer Networks, Relational Database Management, Software Engineering, Distributed Databases, Computer Architecture and Discrete Mathematics

Journals and Publications

Abuse-Free Optimistic Contract Signing Using RSA for Multiuser Systems. IJITCS. May 2017 Multi-party contract signing -MPCS- is a way for signers to agree on a predetermined contract by exchanging their signature. This matter has become crucial with the growing number of communications. In this paper, we focus mainly on studying the state of the art protocols and more specifically the cryptography involved. We identify the major advances in MPCS, highlight a few gaps with the current protocols and propose an algorithm for contract signing to be abuse free, optimistic for many signers in industrial standards.

Design of information tree for support related queries - DiVA. Feb 2017 The focus of this research is to improve turn around time of customer queries using recommendations and evaluate by defining metrics in comparison to existing workflow. As Artificial Intelligence applications can have a broad spectrum, we confine the scope with a relevance in software service and Issue Tracking Systems. Software support is a complicated process as it involves various stakeholders with conflicting interests. During the course of this literary work, we are primarily interested in evaluating different AI solutions specifically in the customer support space customize and compare them.

Evaluation of DevOps tools in cloud. ResearchGate. Jan 2018. This paper is about comparison of three research papers in the theme "Execution of DevOps in Cloud processing". We investigate these three papers in light of how they are composed and what techniques are utilized. We study the problem area in these papers and how the outcomes are clarified. The substance in these papers is not of the fundamental concern but rather to introduce the comprehension of the best approach to compose an experimental article and present it.