

AMAN RASTOGI

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EDUCATION

University of Cincinnati, Carl H. Lindner College of Business
Master of Science in Information Systems, GPA- 3.846
Cincinnati, OH
Aug 2019 - Dec 2020

Jaypee University of Information Technology
Bachelor of Technology in Information Technology, GPA-7.6
HP, India
June 2010 - May 2014

TECHNICAL SKILLS

Languages: Java, SQL, Python, R
Databases: Oracle 12c, MS SQL Server
Frameworks: Spring Boot, Spring Batch, Spring Data, Spring HATEOAS, RESTful API, Micro-services, SOA, Maven, Hibernate, Mockito, JUnit, Apache Kafka, Agile, Waterfall
Automation: Automation Anywhere, Catalytic Pushbot
Tools: IntelliJ, SQL Developer, GIT, Open API, MS Visio, GitHub, Jenkins, Docker, Postman, Power BI

EXPERIENCE (5+ years)

Robert Bosch LLC Greater Cincinnati Area, KY
Software Engineer, Data Intern May 2020 - Present

- **IdeaM Portal-** Developed the RESTful API in Spring boot for IdeaM portal and consumed web-service to create IdeaM dashboard in Power BI, facilitating efficient decision-making by management
- **Automation-** Spearheaded digital transformation journey of 3 plants- Florence, Plymouth, and Queretaro, cross-skilling 27 resources from Manufacturing, Logistics, Controlling Area, and HR domains. Automated business processes using, Automation Anywhere, and Catalytic push bot. **Saved** cost-to-company, **approximately \$280K yearly**
- **Database-** Formulated database schema for SAP reports to be ingested by Power BI to minimize data manipulation in Power BI Query Editor. **Saved ~60 man-hours monthly**
- **Power BI Dashboards-** Transformed raw data from SAP and SQL employing DAX & M language to design dashboards for various business units, deployed bi-weekly and monthly, especially tailored for decision making by the CXOs

Infosys Limited Pune, India
Technology Analyst Oct 2016 - Jul 2019

- **System Design-** Designed and implemented batch processing system for an Asset Management Project called Horizon. Incorporated observer design in Spring Boot and Apache Kafka to periodically get quotes of stocks from Bloomberg
- **Legacy Modernization-** Migrated more than 1500 stored procedures for the Horizon project, from Sybase to Spring Data and Query DSL, making it database agnostic. Orchestrated redesigning of Horizon's Windows Desktop Application to WebApp using Spring Boot and React
- **Mutual Funds Transaction System-** Coded robust batch application in Java with multithreaded environment. Handled more than 15 files containing millions of Funds Transactions. **Saved** approximately **\$56K annually**
- **Leadership-** Mentored more than 10 team members and led team of 6 for BAU activities

Systems Engineer Jul 2014 - Oct 2016

- **Onboarding/Offboarding Web-App-** Built a web-app in Spring Boot and Angular to automate manual tasks of onboarding/offboarding of resources. **Increased productivity by ~37.5%** from 16 days to 10 days

ACADEMIC PROJECTS

Cloud Portfolio [AWS Lambda, Dynamodb, Route 53, Api Gateway, Cloudfront, Certificate Manager, S3]
• Engineered cloud portfolio using AWS services.

Twitter Sentiment Analysis for Presidential Elections [AWS Lambda, Kinesis, Comprehend, Kibana, EC2]
• Extracted real-time data from Twitter using Tweepy and Boto3 library into Kinesis Firehose. Firehose triggers Lambda functions to call Comprehend service and tweets sentiments were displayed on Kibana dashboard.

Neighborhood Affluence [Spring Boot, Spring Data, Spring WebClient, Json, Azure]
• Created RESTful web services to determine affluent neighborhoods of Chicago, consuming different JSON Schemas. Implemented dynamic website by consuming JSON Schema from web service created, and hosted it on Microsoft Azure

ACHIEVEMENTS

- Runner-up in Centric Case Competition **won prize money of \$1000** Mar 2020
- Worked as **Graduate Teaching Assistant** for Enterprise Architecture and Simulation Models Jan 2020 – May 2020 at the University of Cincinnati
- Felicitated with 'INSTA' award and 'SPOT' award for delivering Horizon Project May 2019