

RAHUL GYAWALI

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EDUCATION

Arizona State University

Aug 2023 - May 2025

Master of Science in Computer Science

Tempe, Arizona

Coursework: Distributed Software Development, Software Security, Introduction to Human Computer Interaction.

Indian Institute of Information Technology, Allahabad

July 2015 - June 2019

Bachelor of Technology in Information Technology, CGPA: 8.12/10

Prayagraj, India

Coursework: Object Oriented Programming, Database Management System, Data Mining, Operating System etc.

TECHNICAL SKILLS

Languages

Java, Python, C/C++, HTML, CSS, MySQL, MongoDB, Redis

Technology

Jenkins, Bitbucket, AWS, Kafka, Vault, Docker, ELK

Libraries/Framework

Spring, SpringBoot, Numpy, Pandas, Matplotlib, Flask, Keras, ScikitLearn

EXPERIENCE

Senior Software Engineer

Oct 2019 - Aug 2023

Paytm Payments Bank : Java/Spring/Hibernate/MySQL/Redis/Git/AWS/ELK

Noida, India

- Scaled Backend Service for Corporate Bank Account opening for Individual and Public/Private Entities along with Identity verification currently holds 40% market share in P2M (People to Merchant) payments in India.
- Designed Rule Engine-based Customer Risk Categorization Service to segregate customers based on financial profile helped mitigate 30% junk profile.
- Created Internal Tools to mitigate manual Database Updates for DML Queries saving over 4 days in a sprint cycle as a Tech improvement initiative within the team.
- Led multiple projects communicating with clients across teams and reporting to higher management ensuring smooth delivery of product under given deadlines almost 99.99% of the time.

Software Engineer

July 2019 - Sep 2019

Paytm : Java/Spring/Hibernate/MySQL/Redis/Git/AWS/ELK

Noida, India

- Revamped Fastag, an RFID-based Toll Collection system, Onboarding Service acquired 0.1 million new customers within 2 months of launch and market leader within 6 months.
- Devised Customer Referral Service based on introduced 0.2 million new customers.
- Coordinated with third-party vendors for multiple projects ensuring Data Privacy, Project Documentation, and Compliance of the organization.

PROJECTS

Cardiovascular Disease Prediction using Machine Learning Tools

Aimed to predict severity of Cardiovascular Disease leveraging different classification algorithms and compare efficiency. The dataset contained different features Age, Sex, Blood Pressure, Blood Sugar Level, etc. to be observed with various Health Equipment. Observed 88.88%, 84.44% and 88.89% accuracy through Logistic regression, K-nearest neighbours, and Neural Networks respectively using different python libraries like numpy, pandas, scikitlearn, matplotlib etc. Users can enter data manually or bulk upload CSV files through Flask based Web App to classify the risk.

Order Management System using Microservice Architecture

Order management system based on microservice architecture using Springboot framework which aims to construct a system with both SQL(MySQL) and NoSQL(MongoDB) Databases. Services like Orders, Inventory, and Notifications communicate with each other in a synchronous and asynchronous way using Kafka. The Dockerized application application uses vault to store secrets and management through ELK.