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.

SKILLS

Languages	Java, Python, C/C++, C, JavaScript, HTML, CSS.
Databases	MySQL, Redis, MongoDB, AWS DynamoDB, AWS Aurora.
Technologies	Jenkins, Bitbucket, AWS, Kafka, Vault, Docker, ELK, Axure.
Libraries/Frameworks	Spring, SpringBoot, .Net, Flask.

EXPERIENCE

Senior Software Engineer — **Oct 2019 - Aug 2023**
Paytm Payments Bank — *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 team of fresh developers and supervised work with a strong emphasis on industry standard engineering practices improving overall onboarding TAT by 1 month.
- Led multiple projects collaborating with clients across teams and reporting to higher management ensuring smooth delivery of product under given deadlines almost 99.99% of the time.
- Tech Stack:*Java/Spring/Hibernate/MySQL/ELK/AWS/Redis/Git*

Software Engineer — **July 2019 - Sep 2019**
Paytm — *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 introduced 0.2 million new customers.
- Introduced service for Payment Merchant ReKYC helped reducing fraudulent cases by 20% quarterly.
- Communicated with third-party vendors for multiple projects ensuring Data Privacy, Project Documentation, and Compliance of the organization to cover 100% of the requirement.
- Tech Stack:*Java/Spring/Hibernate/MySQL/ELK/AWS/Redis/Git*

PROJECTS

Cardiovascular Disease Prediction using Machine Learning Tools

- Aimed to predict severity of Cardiovascular Disease(CVD) leveraging different classification algorithms like Logistic regression, K-nearest neighbours, and Neural Networks with 88.88%,84.44% and 88.89% accuracy respectively.
- Developed a Flask-based web app for user data input and bulk CSV file uploads using different python libraries like numpy, pandas, scikitlearn, matplotlib along with HTML,CSS and Javascript.

Order Management System using Microservice Architecture

- Designed an order management system based on microservices using SpringBoot integrated with MySQL and MongoDB databases.
- Accomplished asynchronous communication between Order, Inventory and Notification services using Kafka along with Docker for containerization and Vault for secret management, with monitoring through ELK.