RAHUL GYAWALI

1717 S Dorsey Lane, Tempe, AZ 85281

✉ rgyawal1@asu.edu | in linkedin.com/in/rahulgyawali | 📱 (945)280-8725 | rahulgyawali | rahulgyawali.github.io/portfolio

EDUCATION

Arizona State University   **Aug 2023 - May 2025**
Master of Science in Computer Science   *Tempe, Arizona*
CGPA: 4.0/4.0
Coursework: Distributed Software Development, Data Mining, Introduction to Human Computer Interaction.

Indian Institute of Information Technology, Allahabad   **July 2015 - June 2019**
Bachelor of Technology in Information Technology   *Prayagraj, India*
CGPA: 8.12/10
Coursework: Object Oriented Programming, Database Management System, Data Structures and Algorithms etc.

SKILLS

Languages & Databases	Java, Python, C/C++, C#, JavaScript, HTML, CSS, MySQL, Redis, MongoDB, DynamoDB.
Frameworks & Libraries	Spring, SpringBoot, Spring Batch, JUnit, Mockito, .Net, Flask, React.js.
Technologies	Git, Jenkins, Bitbucket, Nginx, AWS, Kafka, Vault, Docker, Kubernetes, Jira, Grafana, Prometheus, Elasticsearch/Logstash/Kibana(ELK).

EXPERIENCE

Senior Software Engineer   **Oct 2019 - Aug 2023**
Paytm Payments Bank   *Noida,India*

- Scaled REST based Backend API Services for Corporate Bank Account opening for Individual and Public/Private Entities along with Identity verification which currently holds 40% market share in P2M (People to Merchant) payments in India.
- Engineered a Rule Engine-based Customer Risk Categorization Service for Banking and fintech products, effectively segregating customers based on their financial profile which successfully mitigated 30% of junk profiles.
- Innovated Internal Tools to automate Database Updates for DML Queries, significantly reducing manual efforts and saving over 4 days in a sprint cycle including regression testing.
- Led a team of novice developers, enforcing industry-standard engineering practices including test automation, and streamlined onboarding TAT by an impressive 1 month.
- Championed multiple projects, collaborating seamlessly with clients, cross-functional teams, and higher management, consistently achieving on-time end-to-end product delivery at a staggering rate of 99.99%.
- Tech Stack:*Java/Spring MVC/Hibernate/Maven/MySQL/Jenkins/ELK/AWS/Redis/Git/Jira/Linux/Postman/Agile*

Software Engineer   **July 2019 - Sep 2019**
Paytm   *Noida,India*

- Revolutionized the Fastag RFID-based Toll Collection system Onboarding Service, attaining a remarkable 0.1 million new customers within 2 months and establishing market leadership in just 6 months.
- Devised a high-impact Customer Referral Service, attracting a substantial 0.2 million new customers to our platform.
- Pioneered the implementation of a Payment Merchant ReKYC service, resulting in a 20% reduction in fraudulent cases quarterly.
- Effectively communicated with third-party vendors for multiple projects, ensuring attention to Data Privacy, Project Documentation, Project Specification, and Compliance, covering 100% of organizational requirements.
- Tech Stack:*Java/Spring MVC/Hibernate/Maven/MySQL/Jenkins/ELK/AWS/Redis/Git/Jira/Linux/Postman/Agile*

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 SQL(MySQL) and NoSQL(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.