# RAHUL BUSWAL

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## SUMMARY

**Software Development Engineer** with **3+** years of experience, currently at **Cars24**. Led the development of key features for the Autopilot driver booking app, significantly enhancing its functionality. Previously at **WLPayments**, developed a notification microservice, managed the entire development lifecycle, and integrated multiple acquiring banks to optimize payment processing.

## WORK EXPERIENCE

Software Development Engineer, Cars24                              June 2024 - Present

- Developed the **Driver Incentive** system, boosting uniform adherence by 49% and increasing on-time arrivals by 12%.
- Delivered **Live Notifications** with real-time driver ETA updates, optimizing the user booking experience.
- Developed a **Subscription** based model, streamlining the driver hiring process for users.
- Integrated **Exotel VN** calling, reducing call drops by 65% through secure communication via virtual numbers.
- Added trip **status modification** capabilities to the admin panel, improving operational control and flexibility.
- Led the integration of **i18n** support, enabling multi-language functionality for a variety of users.

Software Developer, WLPayments                              Feb 2022 - May 2024

- **Developed** notification **microservice** with 3rd party SDK integration for multichannel communication.
- Integrated various **Acquirer payment APIs** to streamline payment processing.
- Added Spring **Batch** with Job **Scheduling** cron to retry failed notification
- Implemented **HashiCorp** Vault for microservice properties, reducing the risk of breach.
- Enhanced code with **SonarQube** suggestions, Java documentation, and **Swagger API** exploration.

## SKILLS

- **Programming Languages & Frameworks:** Java (8/17), Spring Framework, Hibernate, JavaScript
- **Database & Testing:** SQL(MySQL/PostgreSQL), SpannerDB(GCP), MongoDB, Firebase, JUnit, Mockito
- **Development Tools:** Git, Pub/Sub(GCP), Redis, Kafka, RabbitMQ, Hazelcast, Gradle, Maven, Swagger
- **Additional Technical Skills:** SonarQube, Mustache, Thymeleaf, Jira, Bitbucket, Datadog, Teamcity, NewRelic

## PROJECTS

**Autopilot**

- Developed a driver incentive system and subscription-based model, enhancing driver engagement and user access.
- Integrated real-time ETA and driver status updates, boosting user experience and operational control.
- Integrated Exotel VN Calling, enabling secure communication with call recording features.
- Added multilingual (I18N) support, expanding app accessibility to variety of users.

**Notification Microservice**

- Developed a versatile Spring microservice for cross-channel notifications, ensuring robust delivery.
- Implemented cron scheduler for batch processing of failed notifications, boosting system reliability.
- Ensured code quality with rigorous testing (JUnit, Mockito), achieving 94% code coverage (Jacoco reports).

**Payment Gateway**

- Developed backend API for dynamic currency addition with updated global cache for real-time accuracy.
- Implemented reconciliation processing for auditing payments across merchants, enhancing reporting.
- Integrated APIs for three acquirers, enhancing payment processing capabilities.

## EDUCATION

**Bachelor of Computer Applications**, Bharati Vidyapeeth Deemed University                              2020
**Senior Secondary, CBSE Board**, Bosco Public School                              2017

## ACHIEVEMENTS & CERTIFICATIONS

- Achieved Skill Factory Learning certification with an **'Awareness in Cyber Security'** and received Grade **A**.
- Pursued the **GNIIT** course by NIIT, specializing in Software Development.