

# RYAN POVEY

PRIVATE AND CONFIDENTIAL

## PROFILE

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A senior programmer/developer with extensive knowledge gained across a diverse range of projects.

Proven track record in the management and delivery of client applications and services as well as project status reporting systems.

Team player willing to go the extra mile and able to take initiative when necessary. Good time management and careful attention to detail.

A proficient and creative problem solver committed to continuous learning and meeting new challenges. Flexible, adaptable and always contributes to the task at hand.

Strong database experience, knowledge of modern cloud and multi-cloud strategy, agile SDLC, with good understanding and hands-on experience of event-driven solutions, microservices and APIs, amongst others.

Results focused with a proven track record in driving client satisfaction, excellence in service delivery, strategic development and innovation. Contributes to an organisation's bottom line by promoting a culture of teamwork and collaboration, empowering team members to achieve and excel in their endeavours and deliver services of the highest quality.

## SKILLS & CAPABILITIES

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### General Skills

- Excellent communication skills
- Proven leadership skills
- Able to turn 'tech speak' into human language
- Customer focussed service
- Able to work both within a team and unsupervised
- Ability to cope with high pressure situations
- Agile methodology

### Programming Skills

- Java 21, Spring Boot (Microservices), Junit, Hibernate, JPA, Gradle, Maven, JSP, IntelliJ, JIB
- SQL, MySQL, Postgres, Sybase IQ, H2, Redis, mongoDB
- Web Service API (GRPC, Rest, SOAP), XML, Json, protobufs
- RabbitMQ, Kafka, JMS
- Agile, Kanban, Git, Jenkins, Bitbucket, Jira, Confluence, Gitlab pipelines, AWS, Docker, Kubernetes, Test driven development, Athena, ECR, Grafana, Sumo
- AngularJS, React
- Flutter, Firebase, Lambdas
- Linux

## EMPLOYMENT HISTORY

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### **COMPANY: PAYFAST (JUNE 2023 - CURRENT)**

PayFast is an online payment processing service for South African merchants of all sizes. PayFast allows merchants (individuals, businesses and charities) to accept secure payments from online buyers by offering a variety of payment methods, including credit card, Instant EFT, Masterpass, mobicred, SCode, RCS store cards, MoreTyme and debit card. Without the need of a merchant account, a PayFast account can be activated within 24 hours and incurs no monthly or setup fees.

PayFast supports both merchants and their customers and is packaged with advanced security layers and fraud detection. Integration with over 80 platforms provides seamless payment access to anything from ecommerce stores to invoicing and event ticketing.

**Position Held:** Senior Software Developer

#### **Responsibilities:**

- Support and mentor the other developers
- Upgrade and refactor code across multiple connected repositories

#### **Projects:**

- VISA (Visa Token Service) Integration
- MasterCard (Mastercard Digital Enablement Service) Integration
- Third Party Payment Providers token creation

### **COMPANY: HYVE MOBILE (JULY 2020 - MAY 2023)**

Hyve Mobile is a Mobile Content and Value-Added Services platform.

The company creates products for mobile operators and device manufacturers throughout Africa. The products range from gaming to dating, from news and sport, to cultural and religious services that work across USSD, SMS, and Mobile Web.

**Position Held:** Senior Software Developer

#### **Responsibilities:**

- Managed the full lifecycle of an application from inception to full automated deploys, monitoring and alerts

#### **Projects:**

- Designing new and converting old php applications into Java Spring Microservices with AWS and Kubernetes
- Creating React UI to filter Kafka steam dynamically
- Upgrading of queued messaging service (Rabbit MQ & Kafka)
- SMPP, USSD protocol integration into the top cellular companies around Africa.

### **COMPANY: TRAVELSTART (OCTOBER 2017 - JUNE 2020)**

Travelstart is an African online travel booking website, offering flights, hotel bookings, car rental, vacation packages and other travel services through their online booking engine. The website uses global distribution systems such as Amadeus IT Group and Travelfusion for flights, and CarTrawler for online car hire bookings. The website was founded in Sweden in 1999 by Stephan Ekbergh.

**Position Held:** Senior Software Developer. I resigned from the company when it was evident that the travel industry was being badly affected by the COVID pandemic.

**Responsibilities:**

- Design, create and test new services/features needed delivery
- Analyse business operations needs and difficulties and deliver solutions
- Set up automation of ticketing and payment systems
- Build connections and add features to supplier (air/bank/hotel) interactions
- Quality testing

**Achievements:**

- Development of team management skills

**Projects:**

- Integration of GDS's and other air suppliers (Amadues).
- Migrating in-house email service to Mandril.
- Adding features and correcting issues in the Travelstart web application regarding various air suppliers, banking and other external supplier interactions. Automate the operations related tasks and flows.
- The system uses Java, Spring and Tomcat backend with an Angular front end speaking to multiple suppliers with Rest, Soap, TCP and web scraping integrations.

## **COMPANY: EFFECTIVE INTELLIGENCE (MARCH 2008 - SEPTEMBER 2017)**

The company managed the largest customer database in Southern Africa and built single customer views and actionable audience segmentations that inspired smarter, better targeted, highly effective customer communication.

**Position Held:** Junior to Senior software developer

### **Responsibilities:**

- Design, create and test new services needed for POC or deliver
- Set up continuous integration of development cycle
- Set up automation of common tasks across other departments
- Database administration
- Manage the maintenance, upgrade and repairs of my managed applications and services
- Quality testing

### **Achievements:**

- Achieved qualifications
- Developed team working skills
- Positive and proactive contributor to production team
- Developed good communication skills with both management and team

### **Projects:**

- Maintained a campaign management system coded in PHP.
- Designed and developed new campaign systems in Java with new features, and additional user flexibility to the work flows. The system made use of EJB Beans and web services to execute manual or automated workflows. This consisted of loading multiple data files manually or setting up automated retrieval and data cleaning, validation and loading process after client liaison and discovery. Data filtering steps with UI's were made easy for users to understand and use as well as easy interaction with various channels for campaign delivery (-Sms/Email/Telemarketing/ Letters).
- Reports made available to analyse campaign statuses and view statistics (response, conversion acquisition rates) on request or at set events.
- The system could load and process roughly 30 million records a day using a well designed PostgreSQL database.

## **CONTACT DETAILS**

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