Ryan Anthony Susana
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St. Maarten Born
Dutch/French National
Dutch/English speaking
Male

Ryan Susana

I'm a Software Craftsman that has been enjoying code for 13+ years. I consider myself a true problem solver and abstract thinker. I am also creative, courageous, concise, communicative and courteous. You can always expect me to be up-to-date with the latest tech trends, or trying to create a trend myself. I enjoy public speaking, learning and teaching others.

Work Experience

2023-present Lead Cloud Engineer at Air France-KLM (contract)
- Assisted in the review and implementation of their Google Cloud landing zone
- Helped teams with the usage of their new landing zones on Azure.

2023 Senior Software Engineer at ReBound
ReBound was in need of a hired gun in order to implement some new integrations for a critical service. Within 2 months, I've been able to help them bring the integrations to life.

2022-2023 Software Architect at Eijsink (contract)

Within Eijsink I have been tasked with re-platforming their AWS landscape to Google Cloud. I have helped them set up a landing zone and overall Google Cloud strategy.

2022 Senior Software Engineer at Bol.com (contract)

Worked on a data engineering team where we:
- Owned 4 data pipelines and 4 microservices
- Aggregated large amounts of raw event data into logical user search journeys, KPI's and input for statistical models
- Provided type-ahead suggestions based on existing user data to end consumers
- Provided product recommendations based on where users were in their search journey.
- Other features like spell checking and entity recognition for search queries
- All with Java, Kotlin, Kubernetes, Apache Beam/Dataflow, BigQuery, Cloud Storage

Individual contributions:
- Day-to-day functionality implementation, maintenance, bug fixing, data analysis and SRE/Operations.
- Helped measure test quality by introducing team to mutation analysis
- Guided teammates on learning goals to further develop their engineering careers

2022 – Present Cloud Consultant at Skyworkz
- I tackle various topics such as pure software development, software architecture, DevOps, cloud computing, data engineering, leadership and learning & development.
- Within Skyworkz, I also organize the companies' learning activities.

2020 – 2022 Cloud Architect & Software Engineer at 4PS
- Primarily worked with Azure, Flutter, C#/.NET Core and JavaScript,
- Responsible for the technological vision and cloud adoption strategy of a small to medium enterprise
- Architected software to manage customer resources across Azure
- Mentored teammates and interns

2016 – 2022 Freelance Software Engineer
- 8 successful small to medium projects on the cloud (Google Cloud & AWS)
- Wrote code in Go, Java, JavaScript, Scala, Kotlin and Dart
- Multiple open-source GitHub repositories, totalling 150+ stars

2018 – 2019 Tech Lead at International Student Association
- Shifted the association from a cash–only payment method to a digitized online platform with mobile/IoT integration
- Catered to over 1500 students at the HAN in Arnhem
- Elected as President of the association

2014 – 2016 IT Personnel at Value Car Rental (St. Maarten)
- Improved the overall PHP site infrastructure of 3 different car rental franchises

Education

2016 – 2021 BSc in Computer Science at the HAN University of Applied Sciences
- "Ryan is the best 'student' we've ever had. A welcome addition to any organization, including ours" – compliments from my professors

2010 – 2016 HAVO at the Milton Peters College(St. Maarten)
- Started working on small coding projects in year 2 (2012)

Qualifications

2023 **Certified Professional Data Engineer** by Google Cloud

2021 **Certified Professional Cloud Architect** by Google Cloud

2020 **Certified Associate Cloud Engineer** by Google Cloud

2020 **UI / UX Design** by California Institute of the Arts via Coursera

2020 **Google Kubernetes Engine** by Google Cloud via Coursera

2020 **Over 45 courses** on Coursera, LinkedIn & Udemy. All related to cloud computing, software development, project management & design.

All certificates available upon request.

Technical Skills

- **Languages:** Java, JavaScript, TypeScript , Dart, Scala, Kotlin, Go, C#, Bash/Unix
- **Cloud:** Core concepts, Serverless, Big Data, Google Cloud Platform, Azure, Firebase
- **Observability:** OpenTelemetry, GCP Operations Suite, Prometheus/Grafana, ELK/EFK stack
- **Containerization:** Docker, Kubernetes, Helm, Knative
- **DevOps:** Fundamentals, CI/CD pipelines, Infrastructure as Code, Terraform

- **Frameworks:** Vue.js, Flutter, .NET Core, Gin, various JVM frameworks
- **UI/UX design:** Fundamentals, Wireframes, Prototypes
- **Data/Integration:** MongoDB, Firestore, SQL Server, CDB, ANSI/OLAP/OLTP SQL, RabbitMQ, GCP Pub-sub, Elasticsearch, Apache Beam, RabbitMQ, Redis
- **Testing:** Unit, Mutation, Integration, System, Load testing
- **Architecture:** Fundamentals, Microservices, N-tier, Hexagonal, MVC, Brokers, Event-Driven, CQRS, Pub-Sub, C4 Model
- **Other:** gRPC, Protocol Buffers, OpenAPI/Swagger, GraphQL, OData, SOAP

Selected Projects

2022-present Archstats
- CLI tool and service to generate insights about software architecture.
- Written in Go and Vue.js

2018-present Elepy
- Framework to create CMS-style webapplications
- Written primarily in Java & Vue/JavaScript
- Around 20.000 lines of clean architecture & code
- My proudest work thus far
- 100+ stars on GitHub

2019-2020 TravelShareInspire
- Online storytelling platform
- Uses natural language processing to sentimentally analyze stories
- Built with Elepy & Vue.js

2019 AsyncFX
- Library to make asynchronous calls in JavaFX
- Kotlin domain-specific language

2019 Zeng Lottery
- Mobile POS system accompanied with an Administrative Program for a Lottery Ticket Reseller
- Tech Used: Java, JavaFX, PostgreSQL, Hibernate, Microservices, Docker, Elepy, Android, Thermal Printers, Bluetooth

2016-2018 Watkan Trading
- E-commerce platform for pharmaceutical companies on St. Maarten
- $ 1M+ revenue generated
- Built with Java Spring & Hibernate/MySQL

Referees

Available upon request