

Daniel Schormans

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Experience

Grabbyo • Senior Software Engineer II

August 2018 - Present

Lead backend developer responsible for VOD workflows, one of our core offerings. Also responsible for a number of ancillary services and products, working on both a legacy monolith and rolling out microservices.

Hired as a graduate engineer, I quickly took on responsibilities, becoming the touchpoint for a few critical services. Since then, after leading teams of various sizes, I've received promotions as my responsibilities grew.

- Working with Java/Spring Boot across a wide range of AWS services, however I've also productionised code using other languages and cloud services depending on the team and product requirements.
- Primary backend developer for a collaborative web-based video editor, including building resilient autoscaling video transcoders to export projects, allowing users to perform large video encoding operations without any installed software or powerful computers on-premises.
- Led a backend team with end-to-end design, architecture and implementation of entire products, starting with liaison with Product+Design, through to eventual support documentation and maintenance, for example:
 - A scheduler that allows users to automatically start and stop streaming servers for events and regularly scheduled shows, saving both the company and our clients significant expense.
 - A live stream bookmarking tool with searchability and time syncing. Allowing users to collaboratively mark key moments in sports game streams, and integrations with AI highlight detection.
- Communicated across teams regularly, assisting Product/UX with technological possibilities and limitations to help inform the design process, as well as customer success/support with problem-solving and mitigation.
- Throughout my career at Grabbyo I've delivered and maintained products as a team member, team leader and individual contributor, depending on the team and product requirements at the time.

*Technologies - **AWS**: EC2 + Autoscaling, ECS/Fargate, Elastic Beanstalk, Lambda, S3, SQS, DynamoDB, RDS/Aurora, Redshift, Step Functions, Transcribe, Mediaconvert, Cloudwatch, SNS, SES - **GCP**: Firebase, Cloud Storage - **Java**: Maven, Spring (and Boot), JUnit + Mockito - **Other**: Docker, shell, Testcontainers + Localstack.*

The James Hornsby School • IT Technician

Sept 2017 - August 2018

Hired as one of 3 new staff to assist the school's ailing IT and network infrastructure, our team reduced the open tickets from a baseline of hundreds to single-digits within months with an extremely tight budget.

- Solved deep underlying issues with the school's on-premises servers, reviving monitoring and email servers that would have cost £thousands to replace.
- Took responsibility for documenting and maintaining systems including group policy, digital signage and Cisco wireless networking which, previously, were largely undocumented and in disrepair.
- Maintained positive relationships with on-site staff and third party support/procurement companies.

Education

University of Southampton • BSc Hons. Computer Science (2:1)

Sept 2014 - June 2017

- Final Year Project: First Class - Emergent complex problem-solving inspired by slime mould.
- Project examples: Visual scene recognition system in Java, a JavaScript MUD game, a programming language written using OCamllex/OCamlyacc and an IPv6 Multicast File Transfer Program.

University of Bristol • BSc Geology

Sept 2013 - Aug 2014

- During my first year studying geology, I realised I was more passionate about Computer Science after taking a programming module. I completed my first year then changed courses.

Westcliff High School for Boys • A-levels 4A 1B - GCSE - 8A* 4A

Sept 2006 - Aug 2013