

Stian Mikelsen



Stian is currently a Senior Manager in the Data & Analytics team at BearingPoint Norway. Stian has a passion for data, both the engineering and the science. He has lately developed a strong interest in product development. Stian wants to work hands-on in an agile environment. He likes to move fast with lots of trial and error. Stian thrives in small cross-functional teams which he likes to lead. Stian has a broad understanding of most of IT and enjoys coding. Stian dislikes inefficiency and waste and will challenge it where he finds it. He is an eager follower of Lean and Agile.

email: stian.mikelsen@gmail.com

mobile: +47 46 82 89 36

Work Experience

Sep 2020 - Present **Project Manager and Architect of Data Platform for shipping company**

Stian acts as the head of the Data and Insights department and has led and architected the development of a new data platform on Azure. He has worked closely with each business unit to tailor the data model and reporting to their needs. Stian's team also created data pipelines that fetch and use sensor data from the ships and have used this to automate previously manual processes. Stian also helped interview Data Engineer candidates and train staff at the client to be self-sufficient on Power BI. Tech: Azure, Data Factory, Databricks, Python, SQL, Azure DevOps, Synapse, PowerBI

Feb 2021 - Apr 2021 **Project Manager and architect on ad-hoc data warehouse**

Led the building of an ad-hoc data platform with a multitude of datasources that needed to be built fast on external infrastructure due to a legal case. We were able to help the organization extract historical data from various on-prem and external sources including obscure proprietary database formats. We loaded all to BigQuery and modelled it for easy use by the legal consultancy doing the analysis. Tech: BigQuery, Data Transfer Service, SAP ECC and BW, Python, SQL, Azure DevOps

Jun 2020 - Jan 2021 **Project Manager and architect on a dashboard for a grocery chain**

Led a team to build a Dash dashboard on Azure App Service. Built data flows from API and central Data Warehouse and created a datamodel in GCP BigQuery to allow for efficient serving to the dashboard. Create around 10 different analysis pages to facilitate Tech: Azure, App Service, BigQuery Data Factory, Python, SQL, Docker, Azure DevOps

Nov 2019 - Apr 2020 **Paternity Leave #2**

Mar 2018 - Nov 2019 **Head of Data at Payr AS**

- Stian came in as "employee" number 8 at Payr and was tasked with solving anything related to data and provide intelligence to the app. During his time there his team varied from 1 to 5 people and in the last 3 months he was one of the four members of the management team.
- Stian and his team built a set of python micro services that processes invoices, analysed its content using machine learning, built a data model of the user and used that to generate tailor made offers to the user. This was the core business model of Payr to be an independent marketplace where users could pay bills and have us check that they really had the best deal they could get.
- Stian analysed and used clickstream data both to improve the usability of the app and to build live dashboards that were distributed on screens in the office.
- Stian lead the further development of a bill scanner that became the market leader and was central in the team that made this a product and sold it as a B2B product to banks.
- Stian lead the automation of the process where customers were able to switch provider to one of our suggested ones in-app
- Stian lead the dialog with banks on developing connectors to their PSD2 APIs and was able to sell PSD2-API-testing as a service to two banks.
- Technology: Google Cloud Platform, Python, MySQL, GCP Cloud Spanner, BigQuery, Kubernetes, Docker, PubSub, gRPC

Dec 2017 - Mar 2018 **Paternity Leave #1**

Jan 2016 - Dec 2017 **Analyst and Project Manager in Anti Money Laundering at DNB**

- DNB ran a large program (> 400 man-years) to fulfil requirements to customer data related to anti money laundering and anti-terror financing.
- Stian was the analyst and technical advisor in the group program which managed 9 sub projects that updated the complete customer portfolio of the bank.
- Stian designed a database on Teradata that was used for analysis, control and reporting throughout the project. He used SAS EG, SQL and Python for analysis.
- He designed and implemented processes for efficient gathering of customer data together with business, for instance by automatic contact and gathering of information by web forms in the internet bank.
- Stian supported all sub projects with the analysis required in the project and managed and coordinated several required IT projects.
- In 2017 he was tasked with the responsibility to ensure progress of the 3 largest sub projects.

May 2014 - Jan 2016 **Project Manager at a Nordic Media Group**

- Stian was project manager for migration, test and integrations in an implementation of Agresso Business World at one of the nordics largest media groups.
- The system has 4000 users distributed on over 50 different companies. Stian worked on the customer side, first by working on the RFP and business case and later all through the implementation and coordinated all external and internal parties.
- Stian lead the design of all 56 integrations, and coordinated 8 different subcontractors in the development of these. He also held several workshops to uncover requirements from the business side and had to redesign several integrations during the project as large changes in the organization required this.

- Stian lead all the 4 stages of rollout.

Aug 2013 - May 2014 Project Manager for Management and Development of ERP at nordic wholesaler

- Stian was the project manager for a team that performed application management and development of Oracle ERP system.

May 2013 - Aug 2013 Developer of Mobile BI POC at Large Norwegian Bank

- Stian developed on its own a number of prototypes for mobile BI reports in IBM Cognos.
- Central to the work was the analysis of business needs for BI and what information requirements as needed mobile.

Mar 2013 - May 2013 Data Warehouse Developer at Large Norwegian Bank

- Stian was part of a team that built the integration between the data warehouse and new external system.
- Stian was responsible for testing one of the most operationally critical part of the integration.

Sep 2012 - Mar 2013 Management and Development of ERP at Nordic Wholesaler

- Stian supported the ERP system for a large Nordic electrical wholesaler.

Apr 2011 - Sep 2012 Developer at a Time Reporting Startup During Studies

- Stian was responsible for integrating with ERP systems and built two integrations.
- Stian setup continuous deployment with TeamCity
- All development were in C#

Aug 2011 - Jun 2012 Built a Framework for Stock Trading Bots as Masters thesis

- Stian and a partner built a framework in Java to test many stock trading bots on a simulated market
- We tested most classical time series predictors as well as Recurrent Neural Networks
- Hyperparameter search was done with artificial evolution

Education

Aug 2007- Jun 2012 MSc Specialization in Artificial Intelligence from the Norwegian University of Science and Technology (NTNU)

- GPA of 4.5
- In parallel with the degree in computer engineering, Stian followed the subjects of industrial economics, where he also obtained the final master's thesis

Jun 2006- Jun 2007 Heimevernets Befalskole (Officer's training school)

Languages

- Norwegian (native)
- English (fluent)

Technical skills

- Python
- SQL
- Java
- C#
- Machine Learning
- Data Engineering