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Jakarta, 8th November 1988  
Indonesian

### Objective

A result-driven PLM-technical consultant seeking to transition into the field of data science and cloud engineering. Learning actively Data Analytic and Machine Learning. I have five years of experience in advising multinational companies and collaborating with global teams. Pursuing my 2<sup>nd</sup> master's degree in data science while working full time.

### Skills & Abilities

- Coding skills: Python, R, SQL, TensorFlow, HTML, CSS.
- Cloud Technology: AWS: EC2, Sagemaker; Google: BigQuery, Colab; Heroku.
- Communication skill: Conduct an effective training in English and German.
- Client-facing skills: Working as consultant in my current customer facing role.
- PLM-Solution skills: Windchill, CATIA, Enovia, Creo View, Solidworks, Moldflow.

### Publication & Project

- **Using Concurrency Programming to collect data from multiple sources:** [Link](#)
- **Create dashboard to analyze Company Valuation and deploy on Heroku:** [Link](#)
  - This web app downloads financial data from multiple sources and perform calculations based on user assumptions to check if a stock is over/undervalued.
- **Data Analysis of Community Discussions on Security Issues:** [Link1](#), [Link2](#) and [GitHub-Link](#)
  - Applying data exploratory analysis and an unsupervised Machine Learning algorithm (LDA) on 264.148 text data collected from StackOverflow.
- **Bike Share Analysis using R:** [R-Analysis](#) and [Result Visualization](#).
- **How Neural Network works under the hood?** [Link](#)
- **Survival Analysis:** [Link](#)

For further projects, please check [my website](#).

### Certification

- Python. [Link](#)
- R. [Link](#)
- Git. [Link](#)
- AWS Certified Cloud Practitioner. [Link](#)
- MIT: Probability [Link](#) and Fundamentals of Statistics [Link](#).
- Google: Data Analytics. [Link](#)  
*Skills learned: R, SQL, BigQuery, Tableau, Excel, Data Cleaning and Transformation.*
- Deep Learning Frameworks: TensorFlow. ([Course info](#))  
[First 3 of 4 modules finished](#). Estimated completion date: 20-11-2023.
- Project Management. [Link](#)
- CATIA. [Link](#)
- Solidworks. [Link](#)

<b>Recommendation</b>	<ul style="list-style-type: none"> <li>From my <b>project's supervisor</b> on Hochschule Harz: <a href="#">Link</a></li> <li>From a <b>Python's training speaker</b>.</li> </ul> <p>These recommendations can be found on my LinkedIn page under section "Recommendations": <a href="#">Link</a></p>
<b>Language</b>	<ul style="list-style-type: none"> <li>German: full professional proficiency.</li> <li>English: full professional proficiency.</li> <li>Chinese: conversational.</li> <li>Indonesian: native language.</li> </ul>
<b>Education</b>	<p><b>Hochschule Harz – Wernigerode, Lower Saxony – M.Sc. Data Science</b>  September 2022 – March 2025. <a href="#">Studying part time while working full time.</a>  Lectures take place full day on Fridays (10x/semester) and Saturdays (10x/s.).  Transcript of record: <a href="#">Link</a></p> <p><b>TU Braunschweig – Braunschweig, Lower Saxony – M.Sc. Mechanical Engineering</b>  Oktober 2013 – September 2017. <a href="#">Link</a>  Thesis: Numerische Betrachtung des Einflusses von Kunststoffschmelzen auf Endlosfasern im Spritzgussprozess (Score: 1,7)</p> <p><b>Swiss German University – Serpong, Indonesia – B.Sc. Mechatronic</b>  August 2007 – January 2012. <a href="#">Link</a>  Thesis: Designing and Constructing a Ball on Beam Balancer Control System Using FPGA (Score: 93/100)</p>
<b>Working Experience</b>	<p><b>PDM Consultant, Solution Engineer: October 2018 - Present</b>  EDAG Production Solutions GmbH &amp; Co. KG: Munich, Germany</p> <ul style="list-style-type: none"> <li>Technical PLM <b>Customer-Support</b> for CATIA and PTC Windchill.</li> <li><b>Troubleshooting</b> CAE engineering problems in automobile industry.</li> <li><b>Analyzing</b> and <b>testing</b> product development process.</li> <li>Conducting efficient multiday training for MAN &amp; Scania in German &amp; English.</li> <li>Developed automation tool for information discovery from emails.</li> </ul> <p><b>Internship as Sheet Metal Forming Analyst: March-June 2012, August-November 2011</b>  CV. Darma Abadi Motor: Cibinong, Indonesia</p> <ul style="list-style-type: none"> <li>Responsible in development and maintenance of metal forming production tools.</li> <li>Technical support.</li> </ul> <p><b>Internship as Quality Controller: February-August 2010</b>  Jeising Magnete GmbH: Herne, Nordrhein-Westfallen</p> <ul style="list-style-type: none"> <li>Quality control using 3D measuring device.</li> </ul> <p><b>Internship as Mechatronic: February-August 2008</b>  Siemens Indonesia: Cilegon, Indonesia</p> <ul style="list-style-type: none"> <li>Developing &amp; controlling the quality of electrical circuits.</li> <li>Programming computer numerical controlled (CNC) machine on production site.</li> </ul>