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Jakarta, 8th November 1988
Indonesian

Objective

A highly motivated solution engineer with 4+ years experience. Learning actively Data Analytic and Machine Learning using R and Python. Looking for a new opportunity to apply my problem-solving skill and analytic knowhow.

Skills & Abilities

- Technical skills: SQL, Python, R, Tableau, Office Excel.
- Communication skill: Conduct an effective training in English and German.
- Client-facing skills: Developed effective communication skill in my current customer facing role.
- PLM-Solution skills: Windchill, CATIA, Enovia, Solidworks, Moldflow.

Language

- German: full professional proficiency.
- English: full professional proficiency.
- Chinese: conversational.
- Indonesian: native language.

Working Experience

CAE Engineer, Solution Engineer, Junior Consultant: October 2018 - Present
EDAG Production Solutions GmbH & Co. KG: Munich, Germany

- Developing solutions for CAE engineering problems in automobile industry.
- Analyze and testing product development process.
- Conducting multiday training for MAN & Scania in German & English.
- Developed automation tool for information discovery from emails.

Internship as Sheet Metal Forming Analyst: March-June 2012, August-November 2011
CV. Dharma Abadi Motor: Cibinong, Indonesia

- Responsible in development and maintenance of metal forming production tools.
- Technical support.

Internship as Quality Controller: February-August 2010

Jeising Magnete GmbH: Herne, Nordrhein-Westfalen

- Quality control using 3D measuring device.

Internship as Mechatronic: February-August 2008

Siemens Indonesia: Cilegon, Indonesia

- Developing & controlling the quality of electrical circuits.
- Programming computer numerical controlled (CNC) machine on production site.

Education

Hochschule Harz – Wernigerode, Lower Saxony – M.Sc. Data Science
September 2022 – present.

[Studying part time while working full time.](#)

	<p>TU Braunschweig – Braunschweig, Lower Saxony – M.Sc. Mechanical Engineering Oktober 2013 – September 2017. Link Thesis: Numerische Betrachtung des Einflusses von Kunststoffschmelzen auf Endlosfasern im Spritzgussprozess (Score: 1,7)</p> <p>Swiss German University – Serpong, Indonesia – B.Sc. Mechatronic August 2007 – January 2012. Link Thesis: Designing and Constructing a Ball on Beam Balancer Control System Using FPGA (Score: 93/100)</p>
Certification	<ul style="list-style-type: none"> ▪ Python. Link ▪ R. Link ▪ AWS Certified Cloud Practitioner. Link ▪ MIT: Probability. Link ▪ MIT: Fundamentals of Statistics. Link ▪ Google: Data Analytics. Link <p><i>Skills learned: R, SQL, BigQuery, Tableau, Excel, Data Cleaning and Transformation.</i></p> <ul style="list-style-type: none"> ▪ Project Management. Link
Publication & Project	<ul style="list-style-type: none"> ▪ Using Concurrency Programming to collect data from multiple sources. Link ▪ Create dashboard to analyze Company Valuation and deploy on Heroku: Link ▪ Data Analysis of Community Discussions on Security Issues: Link1 and Link2 <ul style="list-style-type: none"> ○ Applying data exploratory analysis and an unsupervised Machine Learning algorithm (LDA) on 264.148 text data collected from StackOverflow. ▪ Bike Share Analysis using R (my first analytic project using R): R-Analysis and Result Visualization.