



(+49)17656993647  
Franziskanerstr. 16, 81669 Munich

gunardilin@gmx.de  
[LinkedIn](#)



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><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>Certification</b>	<ul style="list-style-type: none"> <li>▪ Python. <a href="#">Link</a></li> <li>▪ R. <a href="#">Link</a></li> <li>▪ AWS Certified Cloud Practitioner. <a href="#">Link</a></li> <li>▪ MIT: Probability. <a href="#">Link</a></li> <li>▪ MIT: Fundamentals of Statistics. <a href="#">Link</a></li> <li>▪ Google: Data Analytics. <a href="#">Link</a></li> </ul> <p><i>Skills learned: R, SQL, BigQuery, Tableau, Excel, Data Cleaning and Transformation.</i></p> <ul style="list-style-type: none"> <li>▪ Project Management. <a href="#">Link</a></li> </ul>
<b>Publication &amp; Project</b>	<ul style="list-style-type: none"> <li>▪ <b>Using Concurrency Programming to collect data from multiple sources.</b> <a href="#">Link</a></li> <li>▪ <b>Create dashboard to analyze Company Valuation and deploy on Heroku:</b> <a href="#">Link</a></li> <li>▪ <b>Data Analysis of Community Discussions on Security Issues:</b> <a href="#">Link1</a> and <a href="#">Link2</a> <ul style="list-style-type: none"> <li>○ Applying data exploratory analysis and an unsupervised Machine Learning algorithm (LDA) on 264.148 text data collected from StackOverflow.</li> </ul> </li> <li>▪ <b>Bike Share Analysis using R</b> (my first analytic project using R): <a href="#">R-Analysis</a> and <a href="#">Result Visualization</a>.</li> </ul>