

Curriculum Vitae

 **Albert Rajan**



Date of Birth: 08.11.1996 in Ettumanoor E-Mail: Albertrajan841@gmail.com
Address: Oberföhringer Str. 7, 81925 Munich Mobile: +49 (0) 15175553746
LinkedIn: www.linkedin.com/in/albertrajan841/ Nationality: Indian
GitHub: [albertrajan.dmnix.github.com](https://github.com/albertrajan.dmnix) Portfolio: [albert.rajan841](https://albert.rajan841.com)

Education

10/2020 - 02/2024 TECHNICAL HOCHSCHULE DEGGENDORF Rottal-Inn
• Master of Science in Medical Informatics with a major in Healthcare Management and Systems and Medical Informatics and Data Management.

05/2015 - 04/2019 ANNA UNIVERSITY Chennai
• Bachelor of Engineering in Electrical Engineering with a major in Power Systems and Electrical Machines and Electronics, Instrumentation, and Control,
German GPA: 1.7

Work experience

02/2023 - Present FLINK EXPANSION 9 GMBH Munich
• **Shift Lead and Operations Assistant (part-time):** Oversees operations, ensures timely order fulfillment, maintains quality standards, and manages food safety and inventory. Implements efficiency improvements and staff training.

06/2021 - 11/2021 MOBSOUL Kottayam
• **Intern:** Customer Service and Engagement Department. Contributed to various customer service projects and engagement initiatives, effectively handling assigned tasks to support departmental objectives.

08/2019 - 09/2020 PATH BEE ENGINEERS AND CONTRACTORS Kochi
• **Electrical Project Engineer:** Designing and developing electrical systems, coordinating project activities, and overseeing installation and testing to ensure system integrity and performance.
• Collaborating with multidisciplinary teams, providing technical guidance, and ensuring compliance with regulatory standards and project specifications.

01/2019 - 03/2019 ELECTRONICS CORPORATION OF INDIA LIMITED Hyderabad
• **Intern:** Contributed to the design, testing, and troubleshooting of electrical systems, and supported circuit development and equipment maintenance.
• **Bachelor thesis:** Development of a Classification Model with Machine Learning Methods to Determine Technology Maturity Using a Wireless Blackbox System (Final Grade: 1.0)

Projects

08/2023 - 01/2024 TECHNICAL HOCHSCHULE DEGGENDORF Rottal-Inn
• **Master Thesis:** Understanding IoT for Health Monitoring: A Comparative Study Based on a KAP Survey of Elderly Patients and Healthcare Professionals (Final Grade: 2.3)

11/2021 - 12/2021
• Report on Patient Statistics: Comprehensive Data Analysis and Predictive Insights Using R

05/2023 - 07/2023
• Advancing Early-Stage Cancer Detection: A Comparative Analysis of Machine Learning Models Using Log-Loss and F1 Scores

10/2022 - 11/2022
• Developing a Machine Learning Model for Elderly Fall Detection: Comparative Analysis of Linear Regression and Random Forest

Skills

Programming Skills Python, R, SQL, Bash, Java, JavaScript, Html, CSS
Statistics & Probability Descriptive Statistics, Inferential Statistics, Probability Theory
Data Visualization Matplotlib, Seaborn, Tableau, Power BI, ggplot2
Machine Learning Scikit-Learn, Supervised Learning, Unsupervised Learning, Model Evaluation

Extracurricular activities

Achievements Top 4 Finalist, 2023 Avanade Fuel Conference EU Hackathon
Qualifications Language: German (B1), English (fluent), Malayalam (native)
IT skills: MS Office, Excel, Git, Jupyter Notebook, GCP, ETL, SPSS, VSC, IntelliJIDEA