

BASIL SAJU

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EDUCATION

Bachelor of Technology (2018 Jun-2022 Jun)

APJ Abdul Kalam Technological University

Electrical And Electronics Engineering

(Passed with **8.07 CGPA**)

LINKS

Website: <https://basilsajul503.github.io/basilsajul/>

GitHub: <https://github.com/BASILSAJUI503>

Linkedin: <https://www.linkedin.com/in/basil-saju/>

LeetCode: <https://leetcode.com/basilsajul5/>

SKILLS

Java, SpringBoot, PL SQL, REST API, Data Structure, OOPs, Katalon, ALM, JDBC, Hibernate, Postman, Apigee, BI console, PostgreSQL, RDBMS, SQL, DB Migration, Analysis, JUnit, Splunk, Gitlab, HTML, CSS, Basic C Programming and Python, PLC, SCADA, microcontroller programming, R&D

Aurdino, Microcontroller Logic Gate designing

AutoCad-autodesk, 3ds Max, **PROMPT** Engineering

CERTIFICATIONS AND ACHIEVEMENTS

- Basics Of Java-Spring Boot, basics of SQL and database designing, PL/SQL, c, python, prompt engineering
- Recognition (**TCS -gosi team recognition for being part of medical board and R3 oh release**)
- Siemens: Training Program on HMI and SCADA(CU-SCA)
- AUTOCAD AND 3DS MAX
- Siemens: Basic Course on PLC S7 1200/S7 300 CU-PLC
- Business English Certification by Cambridge University
- Completed Robotics and automation course initiated by Kerala government through ASAP-SDPK platform
- ACADEMIC AND RESEARCH PROJECTS
 - Totem Pole Configuration-Based AC-DC Converter(Oct 2021-June 2022)(**Funding Source Cerd- Research Seed Money Scheme Under K T University, Kerala**)

PUBLICATION

Review of Totem-Pole Boost Bridgeless PFC Rectifier Intended for On-Board EV Charging -IEEE [Published in 2024 1st International Conference on Trends in Engineering Systems and Technologies \(ICTEST\)](#)

EXPERIENCE

TCS -Tata Consultancy Services|SEP 2022 - PRESENT

|**System Engineer** - (Backend Developer)

An experienced System Engineer with a strong specialization in **Spring Boot, Java, and Oracle DB**, coupled with deep expertise in **RESTful API protocols**. Proficient in industry-standard tools such as **Swagger, Splunk, Postman, IntelliJ IDEA, Jenkins, and GitLab Repository**, with a passion for optimizing software development processes, automating tasks, and ensuring seamless communication between software systems. Demonstrated a proven track record in designing and implementing robust APIs, effectively documenting them using Swagger, and conducting comprehensive testing with Postman. Skills extend to advanced log analysis with Splunk and adept use of GitLab for version control, consistently delivering high-quality solutions that drive project success. Committed to continuous learning and staying abreast of the latest technological advancements, and eager to leverage expertise in new opportunities to make a meaningful impact and contribute to organizational growth.

PROJECTS

General Organization for Social Insurance (GOSI) – Saudi Arabian government agency (Backend Developer)

Contributed to a large-scale project in the insurance and finance sectors for GOSI, a Saudi government agency, with a focus on backend development using the **Spring Boot framework**. Developed expertise in Java and REST API design, contributing significantly to the Release 3 Medical Board application. In this role, I engaged in **data migration and impact analysis**, working with **Apigee Proxy, BPM, OSB, and ODM middleware tools**, **ORACLE Database** which deepened my understanding of business operations in the insurance and finance domains..

Ardor Process Consultancy And Marketing Private Limited (freelance project) - <https://www.ardorpro.in/>

Successfully built and launched a website from scratch under minimal budget constraints, aimed at promoting sales for a client. Conducted extensive product research and market analysis to optimize the website for maximum impact. **Utilized HTML, CSS, basic JavaScript, and integrated Google APIs**, while leveraging cloud services for hosting to ensure a seamless and cost-effective solution.