

AMIR ZIYAN

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Experience

Software Developer Intern

PetroInfoTech, Malappuram (May 2025 – Present)

- Worked on Geomechanics and DCAF as a DB Developer, creating PL/SQL procedures, tables, and views.
- Optimized queries and improved database performance.
- Supported developers and QA by troubleshooting DB issues and ensuring smooth deployment.

Junior Software Engineer Intern

TeMetaTech, Trivandrum (July 2024 – October 2024)

- Collaborated with senior engineers to create efficient web application solutions using **HTML, CSS, and Reactjs**.
- Developed and implemented the Job Applying Page, enhancing user experience and functionality.
- Contributed to integrating dynamic functionalities for improved usability.

Projects

Alumni Job Management System

- Built a Flutter-Firebase platform enabling job postings, events, and alumni-student interaction.
- Developed admin modules for application management and improved user experience.

Geomechanics, DCAF – Database Development & Support

- Developed and maintained core database components for the Geomechanics and DCAF project, including PL/SQL procedures, tables, sequences, and views, ensuring efficient data handling and system reliability.
- Collaborated with functional and development teams to translate requirements into optimized database structures supporting geomechanics workflows and DCAF application process.
- Implemented performance tuning and query optimization techniques to improve data processing speed and system responsiveness.
- Provided continuous database support across development, testing, and deployment phases, ensuring smooth integration with application modules for Geomechanics and DCAF.
- Assisted in troubleshooting data-related issues, enhancing system stability and ensuring accurate geomechanics computations and reporting.

Education

- **MCA-(2022-24)** | Federal Institute of Science and Technology (FISAT), **KTU University**
- **BCA-(2018-21)** | Govt College Thalassery, **Kannur University**

Skills: Python, Html, MySQL, JavaScript, CSS, Power BI, Oracle

Certifications: DBMS, Foundations: Data, Data Everywhere

Achievements

- Represented **Kannur District U-19 Football Team** in state-level tournaments.
- Selected for district-level football camps and competitive matches.
- Contributed to team performance through strong discipline, teamwork, and leadership.