

Dinesh A

Software Engineer

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Summary

Innovative Software Engineer with 1 year and 4 months of experience in customising non-open source projects using PML and FFEIN languages. Proven expertise in enhancing Aveva and Bocad systems through tailored feature development and automation. Experienced in personal projects involving Java and React, showcasing a strong foundation in these technologies. Seeking to leverage my technical skills and problem-solving abilities in a dynamic environment that fosters growth and innovation.

Skills

- Java | Spring Boot | HTML | CSS | React.js | PML | FFEIN | Git
- Frontend | Backend | Full-Stack | Tamil, English– All professional proficiency or above

Experience

Software Engineer **Zentech Offshore Engineering Private Limited** Coimbatore 10/2022 - 01/2024

- Independently implemented the **Bocad** macro connection task in a **non-open source project**, automating the identification of primary (beam, angle, or channel) and secondary connections, and cutting shapes like rat holes for welding based on the height and width of the connection.
- Collaborated with a team to customise the **non-open source Aveva project**, successfully delivering features such as Bill of Material, Change DTPrin, Density modifications, and many other customizations.
- Created reports using SAP Crystal Reports tailored to specific project requirements.
- Awarded a salary increase within six months for exceptional performance, demonstrating a logical and systematic approach to solving complex technical challenges.

Education

Bachelor of Engineering **Dr.Sivanthi Aditanar College Of Engineering** Tiruchendur 2015 - 2019

- Major in mechanical Engineering Percentage 65

HSC **CCM.Hr.Sec.School** Percentage 86 2014 - 2015

SSLC **CCM.Hr.Sec.School** Percentage 89 2013 - 2014

Projects

- **AVEVA Customization:** Developed custom features such as **Bill of Material, Change DTPrin and Density modifications** using **PML language** to meet specific project requirements.
- **BOCAD Customization:** Independently customised the **macro connection** task using **FFEIN language**, automating connection identification and cutting shapes like rat holes for welding based on connection dimensions.

Awards and Achievements

- **Top Student in Mathematics:** Achieved first place in Mathematics during 12th standard at CCM Hr. Sec. School.
- **Performance Recognition:** My logical and systematic approach significantly contributed to the success of projects at Zentech Offshore Engineering Private Limited. Recognizing my exceptional performance, the company awarded me a salary increase within six months.

Extracurricular Activities

- **Event Coordination:** Coordinated the PARAEGG event and conducted a drawing event at Dr. Sivanthi Aditanar College of Engineering.