

Anil Raghunandan Dani



About Me



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Satara, Maharashtra



Github.com/anildani36



+917767887240



anildani36@gmail.com



Linkedin.com/in/anildani36

To make up a challenging career which gives me, immense satisfaction and which helps the team grow continuously that I associate myself with.



Technical Skills

- ✓ **Core JAVA**
 - a. Profound knowledge of **Java Constructs** (Data Types, Control Flow Statements, etc.)
 - b. Familiarity of **Object-Oriented Programming Concepts**
 - c. Strong familiarity with **Methods**
 - d. Good Understanding of **Class** and **Object**
- ✓ **SDLC**
 - a. Sound understanding of **Product Development Lifecycle**
 - b. Good knowledge of **Product Development Models**
 - c. Good familiarity of **Agile Model**
 - d. Thorough understanding of **Defect Tracking Lifecycle**
- ✓ **Node JS / JavaScript**
 - a. Good understanding of **Event Handlers** and **DOM Manipulation**
 - b. Good knowledge of **Asynchronous Functions**
 - c. Profound knowledge of **Callbacks** and **Promises**
 - d. Good familiarity of **NoSQL Database** (MongoDB)
 - e. Sound knowledge of **Routes, Controllers** and **Middleware**



Education

Bachelor of Engineering, Mechanical
Savitribai Phule Pune University
Pune, Maharashtra

Passed, July 2021
Grade **First Class**

HSC
Maharashtra State Board of Secondary and
Higher Secondary Education

Passed, March 2017
Grade **Distinction**

SSC
Maharashtra State Board of Secondary and
Higher Secondary Education

Passed, March 2015
Grade **Distinction**



Soft Skills

- Quick Learner
- Smart Work
- Adaptability



Academic Projects

1. Ecommerce Site Project

Title: Ecommerce Site using Node JS and MongoDB

Role: Backend Development

Description: In this project, we have created an ecommerce site with basic requirements of the site. The project is based on Node JS where frontend server is built using React JS Sever and backend using Express JS server. For data storage, we have used MongoDB, to store user data, products, orders, etc. To transfer data from fronted to Database and vice a versa proxy scripts and axios library had been used. A normal user will be able to access site to have basic functions of ecommerce site like Sign in, Cart Storage, Product browsing, placing orders, etc.

2. Final Year Project (B.E)

Title: Design, Manufacturing and Analysis of Auto shift Parallel and Angular Coupling

Role: Team Leader and 3D Model Designer

Domain: Mechanical Industry

Duration: 6 Months

Description: This coupling enables a variable parallel & angular offset between two shafts at same time. They provide constant speed velocity with extremely low backlash, and their compact designs provide large floor space savings. We worked virtually with software like CATIA & Ansys for creating virtual prototype and testing the prototype for various processes with the help of simulation. We actually integrated it with cloud storage platform which helped us a lot especially in the pandemic situation. It gave almost 25%-30% increased output than conventional couplings used. I hope to work on similar solutions in the future.

3. Mini Project/ Seminar (T.E. Mechanical)

Title: Computer Aided Process Planning

Description: Computer-aided process planning (CAPP) is the use of computer technology to aid in the process planning of a part or product, in manufacturing. CAPP is the link between CAD and CAM in that it provides for the planning of the process to be used in producing a designed part.



Languages

- English
- Hindi
- Marathi



Personal Interests

- Trekking
- Adventure Sports