

Sumant Dusane

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EDUCATION

- **Pillai College of Engineering** New Panvel, Maharashtra
2022 - 2025
Btech in Computer Engineering; pursuing
- **Bharati Vidyapeeth Institute of Technology** Navi Mumbai, Maharashtra
2019 - 2021
Diploma in Computer Technology; Overall Percentage: 90.97

SKILLS

- **PROGRAMMING:** C, C++, JavaScript, TypeScript, Python
- **FRONTEND:** HTML5, CSS3, Angular, Reactjs, Redux, Axios, NgRx, RxJs, LESS, SCSS/SASS, Server Side Rendering(SSR)
- **BACKEND:** Nodejs, ExpressJs, RestAPI, GraphQL, Microservices
- **DATABASE:** SQL, NoSql, MongoDB
- **FAMILIAR WITH:** Docker, Jenkins, Kubernetes, CI/CD, AWS, Git, Postman, Web Scraping and Crawling, Jira, Unix/Linux, OS, Data Structure and algorithm, Shell Scripting, SEO, Api Integration, OOPs, ES6, BOM, DOM, SCSS, Bootstrap, Material UI, BEM, Tailwind, ChakraUI

EXPERIENCE

- **TESTBOOK** Mumbai, Maharashtra, India
Jul 2022 - present
 - **UI Developer Intern**
 - Developed reusable components which ensure: pixel perfection, cross-browser support, responsiveness, better code practices, variable and function re usability.
 - Developed various reusable components and route level implementations that helped improve the website ranking and also worked on SEO optimisation and page speed of our website.
 - Developed innovation things like Calculator Automation using OpenAi Api to generate context based calculators which tuned the SEO.
 - Successfully migrated bootstrap version from Bootstrap 3.0 to 5.1 and optimised the codebase by removing and revamping the stylesheet files.
 - Integrated PassPro feature in various products, which helped increase the company's revenue by 3x.
 - Used technologies like HTML, CSS, JavaScript, Typescript, AngularJs, RxJS, NgRx, Redux, Axios.

PROJECTS

- **Realtime Collaborative Sketch APP:** Build collaborative sketch webapp where users can draw on canvas in realtime manner. Used Angular and Canvas for Frontend, Node.js, Express and Socket.io for Backend. UI is developed by using Material UI by Angular CDK. Users can customize brush properties like color, thickness, cap style.
- **Code Hunt:** MERN STACK made webapp affiliated with College Club GDSC where student can participate and enter in code contest related to competitive programming. Used technologies like React, SASS/SCSS, Node.js, Express, MondoDB.
- **DDIR Architecture:** MERN Stack made webapp as freelance which showcase database driven projects and arts of client. Client can scale and handle the content through LMS. Client side Image caching is used to handle cdn optimisation. Techstack included is React, Express, Node.js, MongoDB, IndexDB, SASS/SCSS.
- **Automaton using OpenAi Api:** Integrated OpenAi Api based LLM model to generate html.js calculators with context like css classes for certain tags. It automated the manual workflow and helped to acheive accuracy and reduce time to deliver the work. Used Google Cloud Bucket, Google Appscript, Google Sheets, OpenAi Api.
- **Social Media Webapp:** MERN Stack based Social Media Webapp where users can post a text based post. User can like and comment on the post. Technologies used like React, MongoDB, Express, Node.js, SASS/SCSS.
- **ML based Sales Suggestion Model :** MERN Stack based webapp powered by custom Machine Learning Model which helps to suggest the best month to launch the product using dummy data. ML Model takes input like current sale, total revenue, market demand, etc and return values which are presented in Client Side browser using Chart.js and React.
- **BE Safe | SOS Emergency APP:** Group project based Android app to trigger SOS and contact emergency contacts using gestures like shaking mobile phone or shouting help besafe which ensures women safety and securitys. Technologies used like Java, XML, Material UI, Android Services, Java Services.

HONORS AND AWARDS

- **Star Performer for Quarter 4 | May 2023 :** Awarded as Star Performer of Quarter at Testbook Edu Solutions for innovative thinking and active development. First Intern to receive this honor.
- **National Level Project Competition Runner Up:** Team Awarded as 1st Runnerup for presenting Be-Safe Women's Safety App held in Government Polytechnic, Mumbai
- **State Level Project Competition 2nd Runner Up:** Team Awarded as 2nd Runnerup for presenting Be-Safe Women's Safety App held in APCOER, Pune
- **C-Quest Competition Winner:** Winner for solving C based coding questions accurately held in Government Polytechnic, Karad