

# Aviral Tandon

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## EXPERIENCE

### GE DIGITAL | SOFTWARE ENGINEER SPECIALIST

Aug 2023 – Present

- Collaborating with the **Grid Engineering Team** on the Unbundled Transmission Applications (UTA) project.
- Specialized in **Angular** as a member of the UI Team, utilizing configuration files to develop application displays.
- Developed custom components and wrote optimized queries, leading to a **30% improvement** in application functionality and performance.
- Contributed significantly to the first Alpha Release of the project by fixing **50+ bugs** and implementing performance enhancements, resulting in a **40% reduction** in reported issues during testing phase.

### NXTBIG SOFTWARE LABS | SOFTWARE DEVELOPER INTERN

Aug 2021 - Oct 2021

- Developed a comprehensive Knowledge Base website utilizing **GatsbyJS** and **Strapi**, ensuring seamless information dissemination and accessibility.
- Implemented critical bug fixes and integrated new, reusable components within the GatsbyJS framework, enhancing the platform's functionality and user experience.
- Revamped the whole UI of the website using **Material UI**

### GOSEEKO | WEB DEVELOPMENT INTERN

May 2021 - July 2021

- Developed Home Page and fully functional course page in **ReactJS**
- Integrated data from various back-end services and databases
- Improved Lighthouse score of Website by **30%**.

## PROJECTS

### CHATIFY | SLACK BASED CHAT APPLICATION

Link : [Website](#)

- Implemented features including public channels and private messaging, catering to diverse communication requirements.
- Integrated real-time user status indicators for online, offline, and typing, enhancing the responsiveness and usability of the application.
- Added functionality for customized app themes, empowering users to personalize their experience.

### DIGI CATALOG | FULL STACK ECOMMERCE APPLICATION

Link : [Website](#)

- Used **ReactJS** and **Redux** for Frontend.
- Applied **NodeJS** for Backend and **MongoDB** for Database.
- Users can Create Account, Add items to cart and Place Order.
- Prepared **Admin Panel** for smooth handling of users, products, and orders.

## EDUCATION

### IIIT VADODARA

BTECH.IN COMPUTER SCIENCE

Aug 2019 - 2023

Cum. CPI: 8.05/10.0

### CHILDREN'S ACADEMY

SENIOR SECONDARY SCHOOL

Percentage - 95.2 %

## SKILLS

### GENERAL

- Algorithms • Web Development • Object Oriented Programming

### PROGRAMMING

- C/C++ • JavaScript

### DEVELOPMENT

- HTML • CSS • React JS • Node JS
- Express • Mongo DB • SQL • Angular
- Gatsby JS • GraphQL

## COURSEWORK

### UNDERGRADUATE

Introduction to Data Structures  
Design and Analysis Of Algorithms  
Object Oriented Programming  
Database Management System  
Operating Systems  
Computer Networks

## LINKS

Leetcode:// [aviral\\_tandon](#)

Portfolio:// [Aviral Tandon](#)

Github:// [aviraltandon21](#)

LinkedIn:// [aviral-tandon](#)

## ACHIEVEMENTS

1. Solved 1000+ problems on [Leetcode](#) and [GeeksForGeeks](#).
2. Secured **1<sup>st</sup> position** in Penumbara organised by Technical Committee of IIIT Vadodara.
3. Secured **2<sup>nd</sup> position** in Big Tech Quiz organised by Technical Committee of IIIT Vadodara.