

## Avtar Singh

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### Education

Year	Degree/Examination	Institution/Board	CGPA/Percentage
2021	B. TECH	J.C. Bose University of Science and technology YMCA	7.72/10.0
2017	12th	I.S. SR SEC SCHOOL HODAL(PALWAL)	7.8/10.0
2015	10th	I.S. SR SSEC SCHOOL HODAL(PALWAL)	85%

### Internship and Certifications

Completed a NPTEL course of 12 weeks on fundamental of database system.

**KVCH.in** | web development in Python with Django.

JavaScript completion certification from sololearn.

### Work Experience

**Ratnashil Online Services Pvt. Ltd (Pikpart)** | Faridabad (Haryana)

**Frontend React Developer**

**Dec 2021 - Aug 2022**

- Developed front-end web pages with **HTML5, CSS3, JavaScript and React JS**.
- Designed web pages and applications that met business and user goals increased user satisfaction by an average of 20%.
- Checks the working of API and test the API on postman.

**Nexgen Industrial Solution Pvt. Ltd | Delhi**

**Full Stack Angular Developer**

**Jan 2023 – currently working**

- Manage the application FrontEnd with such technologies **HTML, CSS, JavaScript, TypeScript, ReactJS, Angular**.
- Manage the application BackEnd with **NestJS** and bit of **ExpressJS** with database **MYSQL** and **Mongo**.
- Works with Swagger and Postman for testing Api's.

### Projects

**IT Job Portal** | KVCH.in[Jan 2021-Jun-2021]

**Details:-**

- IT Job Portal is a online job portal web application developed using **Django framework**.
- Firstly, User would sign up and login for access the web application.
- On the home page, Number of the latest jobs are render with all details such as (comp. name, position, description, experience and salary) .
- User would apply and select the computer languages option based of skills and take the test of selected languages.
- User should complete the test within the time otherwise test will finish after the given time.
- Keep track of question and should correct question percentage.
- After that, user would fill all the personal and professional skills.
- User would post the resume and submit the application.
- User can show all the submitted details.

**E-Mart App|**

**Details:-**

- E-Mart is a ecommerce website developed using the **React** and **Redux**.
- User will register and login with the two-factor authentication system.
- On the homepage, user can view all the products and can filter on the base of product's categories.
- Product's cards contain image, rate of product and buy now button.
- Onclick of the button, product will be showing all the details of product with description and add to cart button.
- On the click of the add to cart button, the product will add in the cart.
- In the cart page, user can view cart's products and also increase or decrease the quantity of products.

**Quiz-App |**

**Details: -**

- The app can be used to play a quiz.
- On the home page, user should be asked about
  - Number of questions
  - Field of questions
  - The difficulty level of the questions.
- After the quiz starts render one question at a time.
- Shift to the next question if the user completes the current question or if he clicks on the next button.
- Keep track of correct questions and also render them on the top.
- At the end should the correct answer percentage

## Suvis App | Nexgen Industrial Solution Pvt. Ltd. [Delhi]

### Details :-

- Target of suvis web application is to display the real time data of running machine in the multiple graphs via node-red.
- Single dashboard have multiple graphs with resize and drag&drop functionality.
- Graph data should be dowloaded exe. file and filter with dateTime.
- Integrated user authentication and authorization functionalities, enhancing application security with JWT tokens.
- Utilized **MongoDB** to design the database schema, optimizing data storage and retrieval for improved performance.
- Collaborated closely with UI/UX designers to implement responsive and intuitive user interfaces using **Angular** and **material-UI** and **SCSS**.
- Designed and implemented RESTful APIs using **Node.js** and **NestJS**, ensuring efficient data flow between the front-end and back-end.

## NgSmart ERP Web Application | Nexgen Industrial Solution Pvt. Ltd. [Delhi]

### Details :-

- ERP web application with purchase order, sales order, accounts, customer, and admin functionality is to provide a unified platform that streamlines and integrates various business processes, ultimately leading to improved efficiency.
- To automate and simplify the processes of **Attendance**, **purchase order** creation and **sales orders**, **create GRN**, **check Stock** and other Store functionalities.
- To manage financial transactions, record expenses, and generate financial reports.
- To provide system administration capabilities, including user management, role-based access control, and system configuration.
- Utilized **MySQL** to design the database schema, optimizing data storage and retrieval for improved performance.
- Collaborated closely with UI/UX designers to implement responsive and intuitive user interfaces using **Angular** and **material-UI** and **SCSS**
- Designed and implemented RESTful APIs using **Node.js** and **NestJS**, ensuring efficient data flow between the front-end and back-end

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### Skills

Computer languages : [Python](#) , [JavaScript](#) , [TypeScript](#) , [CSS](#) , [HTML](#).

Frameworks : [Angular](#) , [React](#) , [Redux](#) , [NodeJs](#), [NestJS](#) , [Express](#) , [Django](#) , [Material UI](#) , [Bootstrap](#).

Database : [MYSQL](#) , [Mongo](#) , [MSSQL](#).

Additional Skills : [VS Code](#), [Git](#), [Postman](#), [Swagger](#), [Node-red](#), [OOPS Concepts](#).

Soft Skills : [Communication Skills](#).