

# RAKESH KUMAR

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## EDUCATION

### SRM University

Bachelor in Technology in Computer Science and Engineering (GPA: 8.0)

Sonipat, Haryana

2019 – 2023

### D.A.V Centenary Public School

Class 12<sup>th</sup>

Narela, Delhi

2018 – 2019

## SKILLS

**Programming Languages:** C/C++, JavaScript (ES6+), SQL

**Web Development:** React.js, Node.js, HTML/CSS, Tailwind CSS, Material UI

**Databases:** PostgreSQL

**Developer Tools:** Git/GitHub, Linux, Google Firebase, Vite, putty, pm2

**APIs Integration:** REST API, Google Maps API

## EXPERIENCE

### Software Engineer

Echno Technologies Pvt Ltd, Bangalore, Karnataka

Oct 2023 - Present

- Developed backend systems using **Node.js** and **PostgreSQL**, ensuring robustness and scalability. Implemented JWT token authentication for enhanced security.
- Integrated dynamic mapping features with **Google Maps services** for improved user experience. Implemented route creation functionality and optimized map performance using clustering techniques.
- Created responsive frontend components with **React.js**, managed application states efficiently with **Redux/Redux Toolkit**, and styled interfaces using **Material UI**.
- Collaborated cross-functionally to ensure smooth integration of frontend and backend systems, contributing to the development of user-centric applications.
- Deployed development environment using **Putty** software and **PM2** process manager hosted on **AWS**, ensuring seamless deployment and management of Node.js and React projects.

### React Js Developer Trainee

Echno Technologies Pvt Ltd, Bangalore, Karnataka

July 2023 - Oct 2023

- Developed responsive frontend components using React.js and mastered state management with Redux.
- Utilized Google Maps API to integrate mapping features into web applications.
- Assisted senior developers in ensuring that best practices were followed during development processes.

## PROJECTS

### Google Docs | React Js, Tailwind CSS, Firebase, JavaScript, Draft Js

May 2023 – May 2023

- Created a Document editor inspired by Google Docs
- Used functionalities of Draft js, PDF maker and react react-draft-wysiwyg
- Tailwind CSS used to create custom styles
- User can authenticate using their google account
- User data will be auto save to their respective accounts

- User can download their work in PDF format
- **Github:** <https://github.com/i1rakesh/docs-clone>
- **Project Link:** <https://docsclone1234.netlify.app/>

**Twigal-Messaging Web App** | *React Js, Tailwind CSS, JavaScript, Google Firebse, Figma, open AI* Jan 2023–May 2023

- A clean and minimal UI design to enhance user experience
- Used Firebase email authentication and google authentication to create a user
- Used Firestore database to store user messages and other media
- Using tailwind CSS framework as main styling component
- Provide basic features like signin/out, media sharing etc
- Used API's like Newsdata.io and imgflip.com to fetch news, mems and GIF
- Also created an inbuild music player
- Performed CRUD operations account and update account details in realtime
- Created an intergrated chatGPT using openAI api
- Created a post/Feed features in which user can share their thoughts using media
- **Github:** <https://github.com/i1rakesh/twigal>
- **Project Link:** <https://twigaldemo.netlify.app/>

## CERTIFICATIONS

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**Coursera:** [Front-End Web Development with React](#)

**Flipkart Grid - 2022:** [Software Development challenge participation certificate](#)

**Accenture:** [Developer Virtual Experience Program](#)