

# RITESH PATIL

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[PORTFOLIO](#) | [GITHUB](#) | [LINKED IN](#)

## SUMMARY:

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Passionate Engineer and a problem solver with a solution oriented approach. I am a student with great technical, communicational and analytical skills, looking forward to apply my knowledge and use my skill set to solve real world problems.

## SKILLS :

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- **Programming Languages :**  
C++, Javascript, Java, SQL, Python, Typescript, HTML, CSS
- **Libraries and Frameworks :**  
React JS, Redux Toolkit, Node JS, Express JS, Mongoose, TailwindCSS, Bootstrap
- **Tools and Technologies :**  
MongoDB, MySQL, Git & Github, Firebase, AWS, Cloudinary, Vite, Figma

## PROJECTS :

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### AQUADROP | Drinking water supply [ Feb 2023 - Jun 2023 ]

- Tech Stack - React JS, Redux Toolkit, Express JS, MongoDB, Mongoose, Cloudinary
- Full stack Web Application with Authentication & Authorization using tokens, Advanced state management, APIs using Express, Multi-page Routing & Middlewares.
- Multi-role application where "Customers" can buy drinking water from nearby stores and "Dealers" sell drinking water from their stores listed in the database.

### brAIIns | OpenAI powered quiz application [ Oct 2023 - Dec 2023 ]

- Tech Stack - Express JS, MySQL, OpenAI API, React JS, TailwindCSS
- Dynamic quiz generation by the OpenAI GPT-3.5 model based on user's prompts - "Topic" & "difficulty level"
- User dashboard to display user activity, Authentication, Sharing of quiz results, Use of MySQL database to store all the quizzes by topics.

### SPPUKAR | Online Study Material [ Dec 2022 - Feb 2023 ]

- Tech Stack - React JS, Cloudinary, Express JS, Bootstrap, Material UI, MongoDB
- Allows user (Engineering students of SPPU) to upload notes (files) to the cloud platform(Cloudinary) and other users to access them from it.
- Material by uploaded by users is filtered by Branch, Year, Subject and Semester.

## EDUCATION :

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- **DR. D. Y. PATIL INSTITUTE OF TECHNOLOGY, PUNE** [ Jan 2022 - Jun 2025 ]  
Bachelor of Engineering - Computer Engineering  
CGPA - 9.35
- **DATTAKALA INTERNATIONAL SCHOOL , BHIGWAN** [ Jun 2019 - Jul 2021 ]  
Higher Secondary School - 12th grade  
Percentage - 94.33

## ACHIEVEMENTS :

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- University Ranker and Department Rank 1 in First Year, Department Rank 4 in Second Year.
- Secured Rank 149 in GFG Hackathon - 98 and Rank 167 in GFG Hackathon - 112.