

Ritik Patel

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LinkedIn: Ritik Patel | GitHub: Ritik Patel

Codeforces: ritik_patel05 [Rating: Expert, 1700+] | CodeChef: better_sleep [Rating: 4 Star, 1950+]

TECHNICAL STRENGTHS

- **Software Development**
C, C++, Python (PyQt5, Qt Designer)
- **Web Development**
HTML5, CSS3, JavaScript, Node, Express, React, DynamoDB, MongoDB, SQL, Material UI, Heroku
- **State Management**
Redux Toolkit, React Query
- **Version Control**
Git, GitHub, BitBucket, Jira

WORK EXPERIENCE

GeeksforGeeks

Noida, India

Software Developer Intern

February, 2021 - August, 2021

- Designing, Implementing and testing REST API's.
- Working on Amazon Dynamo DB building scalable architecture in NoSQL design.
- Getting to learn best practices for Software Development involving class design, git version control, Jira.
- Implemented and added new features to the website as per the requirements.

Tools: Html, css, Bootstrap, Javascript, PHP, DynamoDB, Git, Jira, Atlassian.

PROJECT WORK

Quiz Buddy Full Stack Application [GitHub, Live]

September, 2021 – Present

- Designed, Developed and Deployed a quiz application, where users can build, manage, share and give quiz.
- Implemented front-end in React, handling application global state using Redux Toolkit, and server state using react-query.
- Implemented user login and sign-up using JWT Refresh and Access Token with express middleware
- Designing and implementing REST API's, and using mongoDB for database using mongoose and express.

Tools: React, tailwindcss, React Query, Redux Toolkit, Node, Express, mongoose.

Process Scheduler Software Development [GitHub]

September, 2020 – November, 2020

- Developed a Desktop Application in Python to visualize 7 job scheduling algorithms with queue diagram animations.
- Designed the GUI of the application with Python GUI library – PyQt5 (using Qt Designer).
- Divided and Organized the code using Modular Programming based on GUI, Algorithms and UI Events implementation.

Tools: Python(PyQt5, matplotlib, xlswriter, win32com), Qt Designer.

Frontend Mini Projects Portfolio [GitHub]

- React application to tell the user how much profit or loss he/she is making on a stock.[Live, GitHub]
- React application to tell your friends if their birth dates are palindrome.[Live, GitHub]
- React application to play with triangles, involving quizzes, and much more.[Live, GitHub]

ACHIEVEMENTS

- **ACM ICPC(Ritik Patel):** Secured **79th Rank** in ACM ICPC Kharagpur Regionals 2019.
- Secured rank **102 among 1000+ teams** in ACM ICPC Gwalior-Pune Regionals 2020.
- **Google KickStart(ritik_patel05):** Secured **Global Rank ≤ 500** among 9K+ participants in several rounds in 2020.
- **Codeforces, Atcoder, Codechef:** Gave around **300+ contests** solving **1000+** problems.
- **TechGig Code Gladiators:** 2020 Grand Finalist.

POSITION OF RESPONSIBILITY

- **Codechef PDEU Chapter(Ritik Patel):** Co-Founder and Lead the Competitive Programming Team.

EDUCATION

Pandit Deendayal Energy University

B.Tech - Computer Engineering

CGPA: 9.51/10.0

Gandhinagar, Gujarat

June-2022

INTERESTS

Competitive Programming, Reading articles on technical stuff, Gaming, Football, Cricket and Music.