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

WORK EXPERIENCE

GeeksforGeeks   Noida, India
Software Developer Intern   February, 2021 - Present

- Building **REST API's** and testing them.
- Implemented **Twitter's Typeahead** for **fast and fully-featured autocomplete** on input fields using JS, HTML5, CSS3.
- Working on Amazon **Dynamo DB** building scalable architecture in **NoSQL design**.
- Performing **Create, Read, Updating and Deleting** operations in **DynamoDB** .
- Getting to learn **best practices** for Software Development involving **class design**, **git version control**, **Jira**.
- Fixed bugs and implemented Fronted designs using using (**HTML5**, **CSS3**, **JS**, **BootStrap3**) and Backend using (**Core PHP**, **AJAX**, **Dynamo DB**, **SQL**)

PROJECT WORK

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.

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   Gandhinagar, Gujarat
B.Tech - Computer Engineering   **CGPA: 9.51/10.0**   June-2022

INTERESTS

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