DRUMIL PATEL

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WORK EXPERIENCE

SDE Intern, Amazon, Hyderabad

📅 June 2021 - July 2021   📍 Remote Internship

- Worked as a remote intern for Amazon Development Center, Hyderabad under Global Mile Small Parcels team.
- Build a configuration store to maintain uniformity of data across FBAExport services.
- Tech Stack used: Java, Spring, AWS.

Google Summer of Code 2020, Prometheus(CNCF)

📅 May 2020 - August 2020   📍 Remote Internship

- Worked as a remote intern for Prometheus Organisation under Cloud Native Computing Foundation(CNCF)
- Worked on test infra, Benchmarking tool of Prometheus. Added support for EKS(Elastic Kubernetes Service), previously which can only be run on GKE(Google Kubernetes Engine). Updated Grafana dashboards to reflect new requirements of Prometheus.
- Tech Stack Used: Golang, Kubernetes, Prometheus, Amazon Web Service(AWS)

Google Summer of Code 2019, Submitty

📅 May 2019 - August 2019   📍 Remote Internship

- Worked as a remote intern for Submitty Project at the Rensselaer Polytechnic Institute
- Worked on automated grading of assignments similar to some competitive platforms like Codeforces, Codechef, etc.
- Added and enhanced random generation of output and input at time of grading. Added tests for same purpose
- Tech stack used: Python, CPP, PosgreSQL, Symfony, PHP
- Visit https://github.com/Submitty/Submitty

EDUCATION

Indian Institute of Technology, Roorkee

📅 July 2018 – Present   📍 Uttarakhand, India

- Electrical Engineering
- **CGPA :** 7.657/10

Bright Day School, Vadodara

📅 April 2016 - March 2018   📍 Gujarat, India

- Gujarat Secondary and Higher Secondary Education Board (GHSEB)
- **Class XII Percentage :** 87.38
- **Class X Percentage :** 86.83

SOCIETIES & MEMBERSHIPS

Project Leader, Information Management Group, IIT Roorkee

📅 January 2019 - August 2021

- IMG is a group of students that constantly strive to lead in the innovation, development and maintenance of advanced information technologies including computer systems, software and database systems.

COMPETITIVE PROGRAMMING

- **Google KickStart :** Scored 656 Global Rank in Google Kickstart Round F, 2021
- **Facebook Hackercup :** Qualified for Round 2, 2021
- **Codechef(weastel) :** 4 Star(1856 Ratings)
- **Codeforces(weastel) :** Expert(1616 Ratings)
- **LeetCode :** 1845 Contest Rating

TECHNICAL PROJECTS

Content Management System

📅 Aug 2019 - Present

- Worked as a part of Information Management Group, IIT-R.
- CMS is a multi-user interface for managing, updating, publishing digital content on IITR's official website.
- Tech stack includes Yii2, PosgreSQL, JavaScript, RabbitMq, Apache2.
- Visit https://www.iitr.ac.in/.

Forminator

📅 Dec 2019 - Present

- Worked as a part of Information Manaement Group, IIT-R.
- Forminator is google forms for IITR. With the support of authorization and access on the basis of student qualifications.
- Tech stack includes Laravel, MySQL, Django, Django Rest Framework.

RESEARCH PAPERS

- "Random Input and Automated Output Generation in Submitty", in Technical Symposium on Computer Science Education, ACM Technical Symposium on Computing Science Education (SIGCSE), 2020

SKILLS

- **Web :** ReactJS, Redux, Django, Django Rest framework(DRF), Django Channels, WebSockets, WebRTC, MySQL, posgreSQL, MongoDB, Yii2, Symfony, Node.js, Gin, HTML, CSS
- **Devops :** Kubernetes, Prometheus, Grafana
- **Computer languages :** Python, JavaScript, Golang, PHP, Latex, C++, Bash, Rust
- **Softwares Tools :** VS Code, Jetbrains IDEs, Postman, gitg, Jupyter, Docker, Git, Linux shell utilities, Vim,
- **Languages :** English, Hindi, Gujarati

ACHIEVEMENTS

- Ranked in top 0.4 percentile in JEE-Advanced 2018 with a rank of 1698.
- Ranked in top 0.4 percentile in JEE-Mains 2018 with a rank of 1268.
- Awarded the prestigious KVPY Scholarship(Kishore Vaigyanik Protsahan Yojana), instituted by the Department of Science and Technology, Government of India in stream SA