Ratan Kulshreshtha

2 Mini M.I.G, Friends Colony
New Shahganj, Agra, Uttar Pradesh
India - 282010

ratanshreshtha.github.io🌐
ratan.shreshtha@gmail.com@
ratan-kulshreshtha-3573b3a8in
RatanShreshtha🐦
RatanShreshtha
+91 - 7895314130📱

Experience

Telstra India, Pune — *IT Developer* (Jun 2018 - Present)
- Automated the patching activity for the infrastructure and middleware.
- Created a dashboard to integrate monitoring, ticketing and project management tools.
- Created a framework for better secrets management.
- Implemented pipeline as code in for CI/CD process.
- Reduced time for build and deployment of the application.

Reliance Jio Infocomm Ltd, Navi Mumbai — *Full Stack Developer* (Oct 2016 - May 2018)
- Built RESTful APIs for Jio Talks application.
- Created one view dashboard for showing the releases and testing progress for applications.
- Setup OpenStack to provide private IAAS to development teams.
- Setup infrastructure and CI/CD pipeline for Jio Media applications.
- Created a framework to test backend APIs in different user scenarios.

Education

National Institute Of Technology, Durgapur — *B.Tech* (Aug 2012 - Jul 2016)
Bachelor Of Technology in Information Technology from National Institute Of Technology (NIT Dgp) Durgapur.

Skills

- **Programming Languages:** Python, Node.js, Rust, Bash
- **Web Development:** HTML5, CSS3, JavaScript
- **Frameworks:** Django, Express, jQuery, Vue.js
- **Databases:** PostgreSQL, MongoDB, Couchbase, Redis
- **CI/CD Tools:** Jenkins, Ansible, Docker, AWS, Terraform
- **IDE And Development Tools:** VS Code, Postman, Vim
- **Operating Systems:** Linux, Windows, MacOS
- **Other Skills:** OWASP, TDD, Design Pattern

Academic Projects

Automatic Response System For Detection Of Road Accidents: Build an automatic response system for detection of road accidents using data from smartphone's built in sensors like accelerometer, gyroscope etc and then inform the nearest hospital

Certificates

- **6.00.1x:** Introduction to Computer Science and Programming Using Python
- **6.00.2x:** Introduction to Computational Thinking and Data Science
- **DEV203x:** Introduction to Bootstrap
- **LFS101x:** Introduction to Linux
- **DEV208x:** Introduction to jQuery

Miscellaneous

- **Jio Hackathon**: Semifinalist in DevOps track for developing monitoring and alert system using prometheus and sentry.
- **Telstra India Hackathon**: Winner of the Telstra India Hackathon in the most practical idea for the company.
- Volunteer for community driven events like PyCon India, JSFoo etc.
- Maintainer of python package unasync on PyPI.
- Presented a talk on DevConf.IN 2018 and JSFoo Pune 2019 on E2E testing using Nightwatch.js.