# ARNAB KUMAR SHIL(RUDDRA)

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## ABOUT ME

*"I am a full stack developer with DevOps knowledge. Prefer standard practices like writing test cases, use PR reviews, git rebase, follow pep8 standard for python coding, follow design patterns, automation and so on."*

## EXPERIENCE

### Senior Software Engineer
**Cefalo Bangladesh Ltd.**

📅 October 2017 – Ongoing  📍 Dhaka, Bangladesh

- Working as a consultant for NHST Media Group and Sannsyn AS.
- Developing and maintaining multiple products based on Python, Django and ReactJS.
- Follow SCRUM, TDD. Developed CI/CD using Jenkins on Openshift, Ansible Playbooks to automate deployment
- Used AWS CodeBuild for code build/testing and AWS ECR for private docker repository, use S3 buckets for artifacts.

### Software Engineer
**Binate Solutions**

📅 October 2016 – September 2017  📍 Dhaka, Bangladesh

- Worked as a full stack developer working on multiple projects using AngularJS, Django, Celery etc for the development, DRF for REST APIs, WebRTC, Redis, Socket Programming, Gitflow etc.

### Software Engineer
**Appdragon Ltd.**

📅 March 2015 – September 2016  📍 Dhaka, Bangladesh

- Worked with a small team to develop scalable web applications based on Tornado, Django, Node js, Celery, SQLAlchemy, MySQL; RESTful based web services and so on.

### Junior Software Engineer
**Progmaatic Developer Network(aka Field Buzz)**

📅 October 2013 – April 2014  📍 Dhaka, Bangladesh

- I have worked with a small team to develop sales and distribution systems using Django, PostgreSQL, Celery, JS/JQuery etc. and developed RESTful APIs using DRF.
- Served as an intern from *August 2013 - September 2013*.

## EDUCATION

### B.Sc. in Computer Science and Engineering
**Jahangirnagar University**

📅 2008 – 2012  CGPA:3.28/4

### M.Sc. in Computer Science and Engineering
**Jahangirnagar University**

📅 2012 – 2013  CGPA:3.35/4

## SKILLS

Python | Django | Javascript
ReactJs | Redux | Openshift
AngularJs | Varnish | Kubernetes
Pandas | Ansible | AWS

## PROJECTS

- **NHST Global:** This project covers all NHST Global Publication Subscription System's(**Upstream**, **Recharge**, **Tradewinds**, **Intrafish**). Developed using Django as backend and ReactJs as frontend.
- **Blackwidow:** A sales and distribution system framework developed using Django, JavaScript, Celery task scheduler and PostgreSQL database. Core of **Field Buzz** products.
- **It-button.com:** Backend service of **it-button.com** is built using Django and frontend is built using AngularJs. PostgreSQL is used as database for this system, DRF for RESTful API service . It has robust architecture, decoupling of frontend and backend and asynchronous task handling by celery.
- **Phoenix:** A highly scale-able web application built using Tornado, SQLAlchemy for ORM, Celery task scheduler, MySQL for sending bulk sms and bulk email. Visa, BT, Parcelforce, Esure, Hays etc. are currently using this platform.

## CERTIFICATIONS

ReactJs and Redux | React Native
Effective OOP
Data Analysis with Python
Data Visualization With Python
ML with Python

## CONTRIBUTIONS

🏆 **StackOverflow**
I contribute to StackOverflow and I have more than **26.1K** reputations. Have gold badge in Django tag.

💗 **Open Source**
I maintain and contribute to several open source projects, most notable ones are: **Docker Django**,**Hugo Hermit Theme**, **Python Openshift** etc.