

KANISHK SINGLA

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Gurgaon (HR), India

- Senior Software Developer with 6+ years of hands-on experience in Agile Software Development Life Cycle phases.
- Adept in handling the project for understanding client's requirements, preparation of test cases & bug fixing.
- A detail oriented professional with a positive & flexible attitude.
- Supportive and enthusiastic team player with strong analytical & problem solving abilities.

EDUCATION

Maharaja Agrasen Institute of Technology (GGSIPU), Delhi

- B.Tech (IT) - 2015

Shiksha Bharti School (CBSE), Haryana

- Intermediate/+2 - 2011
- Matriculation - 2009

SKILLS

Languages

- Python, JavaScript
- HTML5, CSS3

Frameworks/Libraries

- Django/DRF, Flask, Angular
- Boto3, Pandas, Celery
- Highcharts, JQuery, Bootstrap
- Ionic, Cordova

Platforms/Services

- AWS, Docker, Kubernetes, Git
- Razorpay, Dialogflow ES, MLflow
- Sendgrid, Mailchimp, Swagger

Development Tools

- PyCharm, VS Code
- MySQL Workbench

Databases

- MySQL, SQLite3

Operating System

- Linux(ubuntu), Mac OS, Windows

TRAINING & INTERNSHIP

- SW development training at NST.
- 6 weeks internship at MakeMyTrip.

ACHIEVEMENTS & ACTIVITIES

- Rewards & Recognition winner.
- 1st prize in IT quiz in DU.
- 1st prize in Maths Olympiad (City).
- Volunteer in Comic Con(2015).
- Organiser in college cultural events.

EXPERIENCE

- Migrating from **monolith** to **microservices** architecture using **ECS, Kubernetes, ECR, S3, EC2, Load Balancers & RDS** in AWS.
- Publish, monitor and secure **RESTful APIs** using AWS **API Gateway**.
- **Dockerizing** LAMP stack apps built in **Django** to AWS **Cloud** infra.
- Automating launch and termination of AWS **EC2** machines using **Boto3 SDK** in **Python-Django** web apps.
- Interface within **cross-functional team** to get optimal specifications.
- Installing **SSL** cert. using AWS **Certificate Manager & Let's Encrypt**.
- Sending & tracking **emails** from within any application using AWS **SES, Sendgrid** and **Mailchimp**.
- Executing **asynchronous** tasks with **Celery** in **Django** web apps.
- Integrating **CRM & LMS** tools to **Websites** using **Webhooks & APIs**.
- Writing maintainable and extensible code in team environment.
- Implementing **data visualization** web apps for **CPG** clients using **Highcharts, HTML, JQuery & CSS** in **Django** framework.
- Designing & documenting **APIs** for visualization on **Swagger**.
- Consulted regularly with clients on project status, proposals and technical issues.
- Documenting **use cases, data flow** and **test cases** to carefully handle **post production** issues.
- Designing extensible code structure to achieve maximum efficiency.

PROJECTS

TransOrg Analytics (Sr. Software Developer) (Jan 2019-Present)

- Clonizo-AutoML - Automated machine learning platform for enterprises to build on the fly predictive models.
- Pickl.ai - An education platform integrated with Spayee LMS using SSO(Single Sign On) to enroll users into multiple courses.
- Clonizo-InfoXtract - AI & ML tool to automate time consuming and repeatable tasks by using Image & Video analytics.

Appster (Software Developer) (Apr-Dec 2018)

- Savvy - A budgeting technology solution for financial advisers to assist their clients to make better spending decisions.

North Shore Technologies (Software Developer) (Jul 2015-Mar 2018)

- DEP-Asbestos - A US Govt. web application to investigate & report Asbestos violations at construction sites.
- Sandata-MVV - A mobile solution for healthcare workers to verify a visit and care plan to Sandata's Agency.
- DEP-CATS - A US Govt. mobile application to inspect and report Air Quality complaints at Industrial sites.