

Ritwik Puri

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Experience

09/2021 - 07/2023

1. Frappe - Software Developer

- Building/maintaining Frappe Framework
- Introduced integer primary keys using sequences for increasing write speed to database along with decreasing index sizes
- Proposed architectural changes which helped in reducing base memory consumption of the system by a significant amount
- Optimized/Reduced database size by removing unnecessary columns (added implicitly) from all tables
- Made framework more maintainable by moving out independent modules into separate apps thus dropping unnecessary dependencies and reducing setup time
- Refactored integrations with much more cleaner, readable and extendible apis
- Introduced OAuth based authentication for email client in the framework
- Introduced permission log for keeping track of all permission related changes in the system
- Acted as a trainer for the Frappe Developer Certification

03/2021 - 09/2021

2. Tafzs.com - Python Intern

- Worked with clients like IHS Markit & Previsico
- Worked on POCs for ETL processes along with integrations to azure services like cosmosDB, Blob & Table storage, Databricks, etc as well as deploying and managing them end-to-end on services like Azure Functions along with Azure CI/CD Pipeline integration with Log analytics and Monitoring (Alert) service (along with setting some of these services up)
- Also mentored/onboarded new interns

Open Source

1. Pitivi

- Pitivi is an open source video editor. Its backend is based on GES (Gstreamer editing services) and (most of) the frontend/UI is based on GTK+. To know more about the project: <http://www.pitivi.org/>

- My Contributions:

<https://gitlab.gnome.org/GNOME/pitivi/-/commits/master?author=ritwik>

Skills

1. **Languages:** Python, Golang
 2. **Web Frameworks:** Flask, Frappe
 3. **Other(s):** Git, Shell Scripting, MySQL, Redis
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Certifications

1. [AWS Certified Cloud Practitioner](#)
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Education

07/2017 - 06/2021

1. Bennett University, Greater Noida

- BTech in Computer Science
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* For reference checks, please shoot an email