

Rithin Paul

Java & Python Developer | [LinkedIn](#) | [GitHub](#)

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EXPERIENCE

Tata Consultancy Services, Bangalore — System Engineer

JUNE 2018- DECEMBER 2020

Workforce Management Application

- Developed a Workforce Management application using Java and Django for the Real Estate Industry.
- Responsible for designing the schemas in PostgreSQL database of the application considering every requirement of the client.
- Assisted web development team on the development of digital signage for the retail industry using Semantic UI.

MRI scan upload portal

- Developed a web portal which serves the purpose of a US healthcare client in the radiology department.
- Associated with Corporate Social Responsibility teams where the service to the community was held on a fortnightly basis.

EDUCATION

University of Missouri, Kansas city —

Master of Science in Computer Science

Jan 2021 - May 2022

GPA: 3.78/4

Courses: Cloud Computing, Cryptology, Analysis of Algorithms, Network Architecture.

Amrita University, Coimbatore, India |—

Bachelor of Science in Computer Science

AUGUST 2014 - MAY 2018

ACADEMIC PROJECTS

Website for Real Estate Operations – Based on Semantic UI and Django for frontend and backend operations and PostgreSQL for database operations. Also, this website has been developed for the involvement and increasing the reach of small organizations who have been into the real estate business.

Hotel Management System – Built a complete end to end solution with functionalities of lodging, check out and billing for availed services.

SKILLS

Programming: Java, Python, C++

Web: HTML5, CSS3, Javascript, Bootstrap, Semantic UI, NodeJS.

Frameworks: Angular, Express JS, Ionic, Django, Django Rest Framework.

Database: MongoDB, MySQL and PostgreSQL

Version Control Systems: Git,

Build Automation Tools: Maven/Jenkins

Deployment Tools: Docker & Kubernetes

Orchestration Tools: Ansible & Chef

Monitoring Tools: Prometheus & Grafana

Cloud Technologies: AWS, Azure

PUBLICATIONS:

‘Evaluation of Water Body Extraction from Satellite Images Using Open-

Source Tools.’

- Oct’ 19

Evaluates water body extraction from satellite images of Chennai city using machine learning methods. Published in International Journal, Springer, based in Singapore and Germany.

https://doi.org/10.1007/978-981-13-6095-4_10