

# TANMOY SEN GUPTA

Senior Software Engineer

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## EDUCATION

SRM Institute of Science & Technology  
**Bachelor of Technology (B.Tech.)**  
Computer Science Engineering

South Point School, Guwahati  
**AISSE - Class 12 (Science)**  
PCM + Computer Science

**AISSE - Class 10**  
General Studies

## SKILLS

Golang, Python, JavaScript, Java,  
React.js, GraphQL, Kubernetes,  
Docker, Azure, Kafka, Snowflake,  
GitHub Actions, Shell Scripting,  
Google Cloud Platform, SQL,  
Cryptography.

## CERTIFICATIONS

**Microsoft Certified:** Azure  
Fundamentals (AZ900)

**GitHub:** Foundations

## SOCIALS

Github / [@TanmoySG](#)  
LinkedIn / [@tanmoysg](#)  
Twitter / [@tanmoy\\_sg](#)

## WORK EXPERIENCE

### Optum Global Services

#### Senior Software Engineer

March, 2024 - Present | Hyderabad

Working on Data Access Provisioning and Data Catalog for the UHG Data Platform.

#### Software Engineer

Jul, 2021 - Feb, 2024 | Gurgaon

Worked on Data Access Provisioning as part of the UHG Data Platform and on an in-house ETL tool for Data Movement.

## PROJECTS

### [wunderDB](#) / Datastore

A micro JSON-based Document Datastore inspired by MongoDB. Data is securely stored on the web and accessible through a unified endpoint.

### [go-steps](#) / Library

A Golang library to run functions as steps with logging, error handling, retry ability and conditional branching built in.

### [hyENC3](#) / Cryptography

A Hybrid Crypto-system consisting of a three-layered combination of Blowfish-RSA-AES Algorithms and secure key storing using LSB Steganography.

Find other projects on [GitHub](#).