

# Tushar Gourav

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## Education

### Kalinga Institute of Industrial Technology

BACHELOR OF TECHNOLOGY | INFORMATION TECHNOLOGY | FIRST CLASS WITH DISTINCTION | CGPA:8.8

*Bhubaneswar, India*

*July 2018 - July 2022*

## Experience

### Optum (UnitedHealth Group)

*India*

ASSOCIATE SOFTWARE ENGINEER - II

*Hyderabad || May 2022 - Jun 2023*

- Accomplished Software Engineer proficient in Java, Spring Boot, and Kafka with expertise in implementing the Producer-Consumer design pattern within API functionality.
- Delivered features end to end like Digital ID Card and FedVIP Preference from code development to testing and validation in non-prod environments and from Integration testing to tag creation and production deployment and post-deployment validation
- Developed code to split a huge CSV file of around 5 to 6 GB into smaller chunks, process, merge and store in a new file without data loss
- Performed Production Support during a peak season, monitoring Priority-1 APIs, resolving incidents and high-volume ETL (Oozie) jobs, preventing the need for war rooms
- Major contributor in production deployments, including Cassandra cluster migration, SSL keystore/truststore cert updates, and Elastic version upgrades across multiple repositories during Elastic version upgrade and Cassandra Cluster Migration
- Actively contributed to a successful project in the Optum Global Hackathon 2022, developing a fully functional UI with API and blockchain integration focused on problem statement of FHIR (Fast Healthcare Interoperability Resources)

### HighRadius

*India*

SOFTWARE ENGINEER INTERN

*Bhubaneswar || Jan 2021 - May 2022*

- Full-stack development intern at HighRadius, contributed to the overall enhancement of the DotOne framework
- Led migration of queries from MySQL to Snowflake for Collection and Cash Application
- Conducted peer testing, and actively resolved major/minor issues in queries and UI for Credit on specific accounts
- Experience working with Data Stage, Hadoop, C# and ASP.NET and Python.

## Projects

### Sorting Algorithm Visualizer

*Available on Github*

- The visualizer demonstrates various standard sorting algorithms in action, allowing users to observe how the algorithms rearrange elements in real-time.
- Users will be able to input an unsorted array, and the visualizer will display step-by-step how each sorting algorithm works, making it easier to understand their mechanics.
- HTML, CSS, and JavaScript are used to create a sorting algorithm visualizer project.

### Web Portfolio

*Available on Github*

- The web portfolio showcases the creator's professional skills, projects, and accomplishments.
- It features a well-designed layout, visually appealing and responsive across devices.
- The portfolio demonstrates clean HTML, CSS, and JavaScript coding skills.

## Honors & Awards

2020 **HackerRank**, SQL: 5 star SQL at Hackerrank

*India*

2021 **Winner**, Flutter Track - DevFest 2021

*DevFest by Google*

2021 **10th Place**, Among Top 10 in: "King of Reasoning"

*LinkedIn*

2022 **Qwiklabs**, Google Cloud Training Badges

*Qwiklabs*

## Skills

**Languages** C#, JAVA, C, C++, Python, HTML, CSS, JavaScript

**Tools/Technologies** ASP.NET, Git, Kubernetes(Openshift, HCC K8), ServiceNow, SharePoint, SQL Server

**Monitoring Softwares/Tools** Grafana, Splunk, Apache Oozie, MySQL