

# NIKKI SINGH

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Github: <https://github.com/nikkisingh0204>

Experienced Data Engineer and seasoned Freelance UI Developer with a passion for crafting visually appealing and user-centric web interfaces. Proficient in leveraging a wide range of front-end technologies to design seamless user experiences. Additionally, skilled in Google Cloud Platform (GCP), and adept at utilizing cloud services to optimize application deployment, scalability, and performance.

## Education

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GIET UNIVERSITY  
B.Tech in Computer Science  
C.G.P.A. - 9.41

Gunupur, Odisha  
April'17-July 21

## Work Experience

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**Cognizant Technology Solutions**  
**Data Engineer**

(Remote)  
Aug'21-Present

- Experience with cloud-based data technologies Google Cloud Platform and associated services like **Dataflow, BigQuery, Composer, Storage, Cloud Function, Datastore, Pub/Sub, Cloud Run, Docker, Cloud Build, and IAM.**
- Developed and implemented ETL pipelines for real-time and batch, utilizing GCP services such as **Pub/Sub, Dataflow, Airflow Composer, and Bigquery**, resulting in a 30% reduction in data processing time.
- Collaborated with cross-functional teams to design and deploy scalable and flexible data warehouses using **Cloud Bigquery**, resulting in a 50% increase in storage capacity and implemented optimization by best partitioning strategy using **MYSQL** database designs.
- Utilized **IAM policies** to ensure secure access control. Designed **Looker dashboards**, to effectively share engaging reports and data visualizations to the team.
- Executed environment migration plan using **Terraform with GCP**, resulting in a seamless data infrastructure transition and reduced downtime by 50%.
- Implemented a robust **CICD** pipeline by integrating **GitHub** with the deployment process, automating software releases, and reducing deployment time by 75%.
- Worked on automating various events emitted by infrastructure or services using **Cloud Functions** using **Python**.

**Solixen (Freelance Developer)**  
**Front End**

(Remote)  
December'20-Present

Front-End: Javascript, HTML, CSS

Framework: React JS, Vue JS

- Created user-friendly Responsive **Web pages**.
- Performed root cause analysis on production incidents to prescribe optimal solutions and recommend prevention strategies.
- Design, code, test, and document new BDR Sharding capabilities requested by customers.
- Created UI pages using our material component library and integrated them with backend APIs.
- Worked on Food Delivery web apps and designs individual projects.

## Individual/Freelance Projects

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- TV Show Recommender Website (<https://react-tv-show-advisor-psi.vercel.app/>)
- To-Do-List ( <https://to-do-list-react-sand-seven.vercel.app/>)
- Vantashala Kitchen (<https://www.vantashala.com/>)

## Skills & Certifications

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**Technical:** HTML, CSS, Javascript, React JS, Vue JS, Google Cloud Platform, Bigquery, Dataflow, Airflow Composer, Pub/Sub, Cloud Functions, Cloud Run, Datastore, Terraform, CICD , Github, SQL, Python, Linux, Looker, MS Excel. VCS: Jira

**Certification:** Certified Associate Cloud Engineer (GCP ACE), issued by Google Cloud.