

Bhavya Gandhi

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SUMMARY

- A detail-oriented professional with **3+ years of experience** spearheading the development, upkeep, and monitoring of **APIs** crucial for ensuring seamless interactions between system engines and client applications.
- Skilled in establishing transparent and impactful **communication channels with clients**, guaranteeing a harmonious fusion of their technical requirements with project aspirations.
- Instrumental in **achieving an impressive 30% cost reduction** through ingenious code optimization, adeptly integrating caching mechanisms, and deploying cutting-edge AWS optimization strategies.
- A **proactive participant** in sprint planning sessions, fostering dynamic discussions on project timelines and deliverables alongside development cohorts.

EDUCATION

D.J Sanghvi College of Engineering, Mumbai
Bachelor of Engineering in Computer Engineering

May 2022
CGPA: 9.19

TECHNICAL SKILLS

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|----------------------------|--|
| Programming Languages | Python, Golang |
| Cloud | AWS, GCP |
| Databases | SQL, NoSQL, GraphDB |
| Data Analytics & Reporting | Pandas, NumPy, PySpark |
| Tools | ArangoDB, Vscode, REST API, Jupyter Notebook, Django, Jenkins, Flask, Git, Bitbucket, Postman, Sentry, EFK, N8N, TYK, Kibana, Datadog, DBviewer, Deephaven |
| Methodologies | CI/CD, Docker, Caching, Containerization, Optimization, Scaling |

PROFESSIONAL SKILLS

- Client Communication and Acquisition, Agile Methodologies, Scrum, JIRA, SDLC, Analytical and collaborator

PROFESSIONAL EXPERIENCE

Software Engineer, Cornerstone - OnDemand, Mumbai
EdCast Skill Studio

October2024 - Present

- Implemented a caching mechanism to reduce load on the **graph database** and improve performance under high request volumes.
- Optimized system architecture by offloading query overhead from **ArangoDB to Elasticsearch**, improving response times and scalability.
- Integrated **Apache Pulsar** for efficient communication between two core products, enhancing system decoupling and reliability.
- Proposed and implemented **Elastic APM** for end-to-end performance monitoring, resulting in improved observability and faster issue resolution.
- Migrated Darkcave and environment configuration to **AWS SSM and AWS Secrets Manager**. Proposed using Pydantic BaseSettings for managing environment variables efficiently.
- Integrated distinct credentials for connecting to **XGraph and Non-XGraph databases**.
- Made the system **FIPS** compliant by aligning it with required **security and compliance guidelines**.

Backend Developer, Think360.ai [CAMS Company], Mumbai
Algo360

July2022 – October2024

- Led the development, maintenance, and monitoring of **APIs** to ensure seamless interactions between our system engine and client applications.
- Engaged with **clients** to gather **technical requirements** and ensure alignment with project objectives.
- Oversaw **scrub data** and conducted **QA/QC** to validate output quality, ensuring deliverables met client specifications and expectations. Conducted unit testing to ensure quality assurance standards were met prior to releasing updates or new features.
- Achieved a **30% cost reduction** by optimizing code through the integration of caching mechanism and implementing AWS optimization strategies.
- Executed the **CI/CD pipeline**, orchestrating the seamless progression from code integration to deployment using **Jenkins**.
- Introduced a **single-table design to optimize query costs**, while also implementing robust encryption measures for enhanced data security both at rest and in transit.
- Contributed to **sprint planning meetings** to outline project timelines and coordinate **deliverables** with development teams.

Stolt Emission Forecasting

- Established multiple SQL databases to efficiently manage shipping data, with views designed for smooth integration with the frontend.
- Architected and managed an **Azure ML pipeline**, also automated for daily execution intervals.

FlowXpert:

- Utilize **N8N, Tyk, and Golang** to create a **drag-and-drop tool** called FlowXpert for seamless workflow orchestration.
- Collaborated with stakeholders to analyze requirements and design solutions that align with customer objectives.

ACHIEVEMENTS

R.I.S.E Award - Received the R.I.S.E Award at Cornerstone in recognition of outstanding team performance.(2025).

Semi-finalist - Global hackathon organized by TIE university.(2020)

Consolation – National level project exhibition cum poster presentation (2022)
