

# ANSHUL SURESH

## Middle Software Engineer

### SUMMARY

Software Engineer with 4+ years of experience specializing in Electronics and Communication Engineering, with a solid background in AI/ML, automation, and efficient database management. Known for developing an AI Interviewer Bot at Infosys and enhancing system performance at Accenture, including a 98% reduction in manual workload through Python scripting. Skilled in Python, PL/SQL, C#, and cloud technologies, with expertise in building REST APIs and deploying machine learning models. Recognized for leading a migration from Jenkins to GitHub Actions, optimizing batch processing by 75%, and holding certifications such as GCP Associate Cloud Engineer. With a B.Tech in Electronics and Communication, complemented by a Nanodegree in Programming for Data Science, this engineer stands out with a blend of technical prowess and innovative problem-solving abilities.

### TECHNICAL SKILLS

<b>Main Technical Skills</b>	Python (4 yr.), C/C++/C# (3 yr.), PL-Sql (3 yr.), RESTful API (3 yr.)
<b>Programming Languages</b>	JavaScript, Python (4 yr.)
<b>C++ Libraries and Tools</b>	C/C++/C# (3 yr.)
<b>Python Frameworks</b>	Flask (3 yr.)
<b>AI &amp; Machine Learning</b>	LangChain, OpenAI, Scikit-learn
<b>Python Libraries and Tools</b>	Matplotlib, Pandas, Scikit-learn, Streamlit
<b>.NET Platform</b>	.NET (3 yr.)
<b>JavaScript Frameworks</b>	Node.js, React
<b>Data Analysis and Visualization Technologies</b>	Pandas
<b>UI Frameworks, Libraries, and Browsers</b>	Tailwind CSS
<b>Cloud Platforms, Services &amp; Computing</b>	GCP
<b>Deployment, CI/CD &amp; Administration</b>	CD DevOps pipelines
<b>Version Control</b>	Git, Github Actions

<b>SDK / API and Integrations</b>	Google API, RESTful API (3 yr.)
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## WORK EXPERIENCE

### Senior Associate Consultant, AI Interviewer Bot

**Duration:** Jan 2025 - Present

**Summary:** Developed an AI Interviewer which asks questions based on Job Description and candidates resume.

**Responsibilities:** Building and developing the AI Interviewer Bot, integrating Google Generative AI API, developing the user interface with Streamlit

**Technologies:** Python, Google Generative AI API, Streamlit

### Application Developer, Various internal projects

**Duration:** Jul 2021 - Jan 2025

**Summary:** Developed Python scripts for automating database object extraction from SQL files, significantly reducing manual work.

**Responsibilities:** Automating database object extraction, enhancing legacy applications, creating RESTful APIs, developing automation scripts for PVT, optimizing PL/SQL queries, leading CI/CD pipelines migration.

**Technologies:** Python, PL/SQL, .NET, Informatica, Flask, Flask-RESTx, GitHub Actions

### Developer, Student Performance Predictor

**Summary:** Developed and deployed a student score ML prediction app with a linear regression model.

**Responsibilities:** Building and deploying a machine learning model, implementing REST API, containerizing with Docker, deploying on GCP.

**Technologies:** Python, React, Flask, Machine Learning Models (Decision Tree, Random Forest, Linear Regression), Docker, GCP Cloud Run

### Developer, URL Unshortener

**Summary:** Built a Streamlit app which unshortens short URLs and provides the original URL.

**Responsibilities:** Developing an app to unshorten URLs, using Selenium and redirect link details.

**Technologies:** Python, Streamlit, Selenium

### Full-stack Developer, Medium Clone

**Summary:** Created a blogging platform using React for the front end and Hono for the back end, emulating the core Medium features.

**Responsibilities:** Developing a full-stack web application, deploying the application on Vercel.

**Technologies:** JavaScript, React, Hono, Vercel

### Developer, Password Manager

**Summary:** Developed a Flask-based password manager showcasing secure user authentication and data handling.

**Responsibilities:** Creating a web application for password management with a login system and CRUD operations.

**Technologies:** Python, Flask



## EDUCATION

- **B.Tech, S.R.M Institute of Science and Technology**  
Major: Electronics and Communication Engineering  
2017 - 2021
- **Nanodegree, Udacity**  
Programming for Data Science with Python  
Feb 2023 - Jul 2023

## CERTIFICATION

- **1Z0-149: Oracle Database Program with PL/SQL**
- **GCP Associate Cloud Engineer**
- **GCP Cloud Digital Leader**

