

# Anandesh

## Senior Software Engineer

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## EXPERIENCE

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### Compliance Innovation

Senior Software Engineer

Mar 2023 - Present

Full-time, Remote, IN

- Led the architecture and development of API Builders, achieving a **30%** reduction in integration time for external partners and saving **\$30K** every per year gravitee subscription.
- Built robust Payment Systems, increased payment processing speed by **10%**, and a **15%** reduction in error rates.
- Streamlined collaboration with cross-functional teams to successfully integrate React components, resulting in a **10%** increase in user engagement and a more cohesive user experience.

### PST.AG

Software Engineer

Sep 2022 - Mar 2023

Full-time, Remote, DE

- Orchestrated data extraction from diverse sources (websites, XML, PDFs, Excel Sheets), boosting accuracy by **30%** and reducing extraction time by **20%**.
- Engineered ETL data pipelines, accelerating big-data processing speed by **40%**. Also, used an open-source spider management tool, reducing the cost of Zyte by **\$10K** per year.
- Optimized SQL queries, reduced execution time by **15%**, and executed comprehensive Linux server administration, enhancing system efficiency by **20%**.

### Treerz inc.

Software Engineer

Dec 2021 - May 2022

Full-time, Remote, US

- Implemented frameworks (Data Quality, Governance, Trending, Validation, Profiling) using Bigdata, Spark, and Python, enhancing data accuracy by **25%**.
- Led Cloud Analytics solutions, researching and implementing strategies, contributing to a **20%** boost in efficiency and scalability.
- Orchestrated end-to-end ETL processes for Data Warehousing applications, reducing processing time by **30%**.

### H1 Co.

Software Engineer

Jul 2021 - Jul 2022

Part-time, Remote, US

- Executed data acquisition using Python, Pandas, MSSql, Numpy, BS4, Scrapy, Selenium, and Appium, streamlining the data acquisition process and improving accuracy by **20%**.
- Spearheaded internal process improvements, automating manual processes and optimizing data delivery. Redesigned infrastructure for greater scalability, resulting in a **30%** increase in overall system efficiency.
- Designed and maintained robust Pipeline architecture, ensuring seamless data flow and accessibility.

### Credicxo

Data / ML Engineer

Jan 2019 - Aug 2021

Full-time, Onsite, IN

- Developed and implemented an innovative Credit Risk Model that revolutionized the analysis of phone messages, contacts, and personal details, delivering an exceptional **40%** improvement in accuracy over conventional models, setting a new industry benchmark.
- Enhanced risk assessment precision, resulting in a **25%** improvement in identifying potential credit risks within diverse datasets.

### Cash Suvidha

Python Developer

Jan 2018 - Jan 2019

Part-time, Onsite, IN

- Specialized in PDF processing, implementing efficient algorithms and tools that enhanced document parsing speed by **20%**.
- Developed intricate SQL queries for data retrieval and manipulation, optimizing database performance and reducing query execution time by **15%**.

## OTHER

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**Tech Skills :** C/C++, HTML/CSS/JavaScript, Python, SQL(Postgres, Redis, MySQL), NoSQL(mongo, dynamodb), bash

**Tools & Frameworks:** Git, IntelliJ, VS Code, Django, Flask, React/Next, PySpark, Scrapy, Node, Selenium, Scrapy

**Certifications & Training:** Advanced Algorithms and Complexity, AlgorithmBox

**Languages:** English (fluent), Hindi (native)

**Soft Skills:** Effective communication, Leadership, Analytical Thinker, Continuous Learner

## PROJECT

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- Created Instagram Genesis, which automates all functions of Instagram for bots and is used for marketing purposes. [\[link\]](#)
- Built AI software that can easily detect up to 6 human emotions, used Fischer Face Classifier and built on pure Python. [\[link\]](#)
- Engineered a sophisticated Credit Risk Model leveraging the phone details of a user for comprehensive risk analysis and reporting. [\[link\]](#)

## EDUCATION

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Guru Gobind Singh Indraprastha University, MSI

Bachelors in Computer Science

Aug 2016 - Aug 2019

Delhi, IN

- Grade: A
- Been the first Microsoft Student Partner / Multi-time Tech Speaker