Sujay Mahadik

Mumbai

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in linkedin.com/in/sujay-mahadik   🔗 https://sujay-mahadik.github.io

Summary

I am a Software Professional with a background in Engineering and Economics. I have a solutions-oriented forward thinking mindset and I am passionate about process reengineering to help enhance customer experience.

I am often found juggling with interests that include coding, graphic design, photography, all the way to brewing good coffee and nerding out over pop fiction, poetry and dystopian literature.

Currently working within GTIS Observability team at Barclays. Helping the Enterprise Infrastructure make data driven decisions and establish collaborative working groups.

I take great interest in coffee brewing, reading dystopian literature and poetry. I am also a proud cyclist and a film photographer

Experience

Technical Engineer - GTIS Observability

Barclays

Mar 2023 - Present (8 months)

Enabling colleagues and building observability within Enterprise Infrastructure by introducing data shipping and analytics practices

Skills and Toolset:
- ELK Stack (Elasticsearch, Kibana, Logstash)
- Kafka Streaming Application
- Python Programming and Automation
- SQL
- Data Analytics and Visualization

Service Delivery - Enterprise and Data Integration

Barclays

Apr 2021 - Mar 2023 (2 years)

- Designed and Developed scalable Ab Initio Project Creation Automation using Python via Service First API, reducing implementation time by 15x, directly benefitting application developers. This has also increased capacity of 20 hrs/month within the team since Q1, 2021
- Improved Ab Initio Co>op installation process and added post installation go live checks to speed up and standardize infrastructure delivery.
- Actively Participating and Driving Incident Reduction projects and formulating better processes within the team. Recent implementation of alert suppression during server maintenance window has resulted in reducing incident count by 10% over Q1 & Q2 in 2022.

• Delivered and assisted multiple teams in setting up projects on EDI Ab Initio and Informatica Infrastructure and supporting them post delivery.

• Conceptualized and Designed EDI Service Dashboard - which has been a single infographic dashboard for IPC controls for the team and leadership since 2020.

• Packaged and Upgraded Ab Initio Products like GDE, TRMC, EME etc.

• Supported and Delivered Production Fixes on Major Incidents in DI space. Driving SOPs on legacy environment.

• Received multiple recognitions both from clients and internally for Service, Excellence, Drive & Respect.

Graduate Analyst
Barclays
Jul 2019 - Apr 2021 (1 year 10 months)
Barclays Global Service Centre (BGSC), India is a global capability center, supporting Barclays businesses worldwide, delivering innovative end-to-end business solutions in Technology, Operations and Functions.

Co-Founder and Designer
The Jellyfish Collective & Infin8y Labs
Sep 2016 - Present (7 years 2 months)
The Jellyfish Collective specializes in branding, visual identity and helping startups create design-based systems.

Infin8y Labs was co-founded as a hobby venture to design and self produce merchandise. We also on boarded clients from Indian Independent Music Industry and helped them with Visual Identity and Motion Graphics.

https://www.behance.net/sujay-mahadik

Project Intern
Persistent Systems
Sep 2017 - Jun 2018 (10 months)
The aim of the project was to create an Autonomous Drone and was done in a group of 6.
I was responsible for creating a testing terrain for drone flight simulation in Unity 3D Game Engine.

Education

Law, Moral & Political Philosophy
2021 - 2021
A course of study offered by HarvardX, an online learning initiative of Harvard University.
Classical and contemporary theories of justice, and applies these theories to contemporary legal and political controversies.
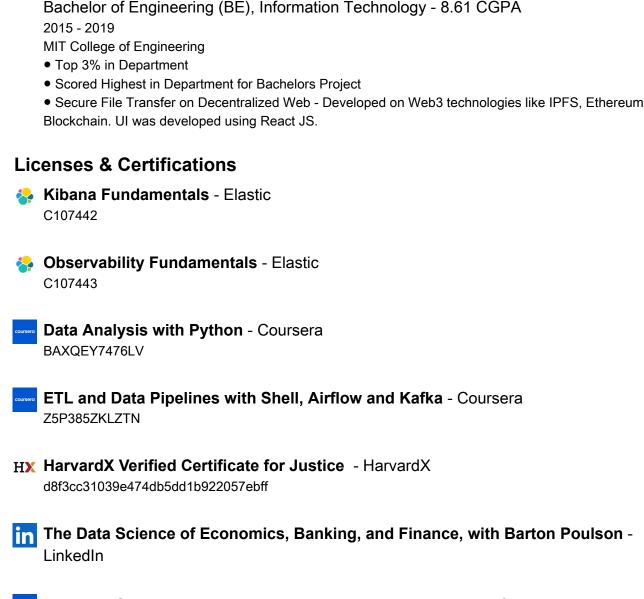https://courses.edx.org/certificates/d8f3cc31039e474db5dd1b922057ebff

Fergusson College
Master of Arts - MA, Economics - 8.88 CGPA

2019 - 2021
Savitribai Phule Pune University - School of Open learning
Part I Major Subjects - Public Economics, International Trade & Finance
Part II Major Subjects - Growth & Development Economics

Savitribai Phule Pune University

Bachelor of Engineering (BE), Information Technology - 8.61 CGPA

2015 - 2019
MIT College of Engineering

• Top 3% in Department

• Scored Highest in Department for Bachelors Project

• Secure File Transfer on Decentralized Web - Developed on Web3 technologies like IPFS, Ethereum Blockchain. UI was developed using React JS.

Licenses & Certifications

Kibana Fundamentals - Elastic
C107442

Observability Fundamentals - Elastic
C107443

Data Analysis with Python - Coursera
BAXQEY7476LV

ETL and Data Pipelines with Shell, Airflow and Kafka - Coursera
Z5P385ZKLZTN

HarvardX Verified Certificate for Justice - HarvardX
d8f3cc31039e474db5dd1b922057ebff

The Data Science of Economics, Banking, and Finance, with Barton Poulson - LinkedIn

The Data Scientist's Toolbox by Johns Hopkins University - Coursera
TPW5HGAGFFE9

Blockchain Basics by University of Buffalo & The State University of New York - Coursera
T682MSQWQARE

Network Protocols and Architecture - Cisco Networking Academy

8ALZDM48SYWG

Print and Digital Elements of Design: Branding and User Experience by University of Colorado Boulder - Coursera
YP9CNVY3NPF9

AWS Fundamentals: Going Cloud-Native - Coursera
EDSRWJK4FWTX

The Data Science of Economics, Banking, and Finance, with Barton Poulson - LinkedIn

Skills

Python (Programming Language) • SQL • Graphic Design • ETL Tools • Adobe Creative Suite • Economics • Elastic Stack (ELK) • Data Visualization • Apache Kafka • Chef.io

Honors & Awards

Award for Drive - Barclays
Mar 2022
Recognition by GTIS Automation Director for an Automation Delivery that benefitted in incident reduction and high service availability.

Publication - International Journal of Scientific & Engineering Research
Sep 2019
Zeppelin Server: A Novel Approach to Data Sharing and Digital Identity Management.
International Journal of Scientific & Engineering Research Volume 10, Issue 9, September-2019 ISSN 2229-5518
https://www.ijser.org/researchpaper/Zeppelin-Server-A-Novel-Approach-to-Data-Sharing-and-Digital-Identity-Management.pdf

Publication - Indian Patent Office
Apr 2018
Assisted in publishing a patent titled "Piezoelectric sensors integrated hand gesture recognition device" filed in the Indian Patent Office under the application number 201821012736 A and was published on 20th April, 2018.