Sayak Das

Software Engineer

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Summary

Software Engineer with 0.5 years of experience in Data Analytics(ETL) domain and experience in OLAP SQL and version controlling. Possess a bachelor's degree in Computer Science and Engineering and expertise in Software Development with internship experiences in Web Development and Project Management. Looking to leverage my knowledge wealth and experience to grow along with the organization.

Work Experience

Systems Engineer (Digital Cadre)

Tata Consultancy Services Ltd.

Aug,2021 – Present — Kolkata, West Bengal

- Data Analytics - OLAP
- IBM Infosphere DataStage - ETL
- PL/SQL Scripts and Teradata SQL
- Tectia-Unix Scripting and Autosys Boxing for Job Run.
- Automation Job(Code) updates and releases per quarter.
- Version Controlling Releases and Production deployment.

Software Developer Intern

Tata Consultancy Services Ltd.

Mar,2021 – May,2021 — Kolkata, West Bengal

- Developer – Python, AWS Basics, Java API.
- Development of Voice Assistant and Speech recognition
- Alexa Integration in App – Conversational Experience.

Software Developer Intern

Tata Consultancy Services Ltd.

July,2020 – September,2020 — Kolkata, West Bengal

- COVID-19 West Bengal dashboard using MS Azure PAAS.
- Development Using React JS and APIs.
- Scrum Agile Methodology, Testing and Quality assurance.

Project Trainee

National Informatics Centre

Feb,2020 – July,2020 — Howrah, West Bengal

- Work Distribution and Project Management, Agile Scrum.
- Web Development Using CodeIgniter, PostgreSQL.
- Database designs and data models with SQL queries.
- Created Test Cases, Quality assurance and normalization.

Education

B.Tech in Computer Science & Engineering

MCKV Institute Of Engineering

Maulana Abul Kalam Azad University of Technology
(formerly West Bengal University of Technology)

Aug,2017 – Aug,2021 — Howrah, West Bengal

DGPA **9.47** | 10

Skills

ETL(IBM Datastage) , Teradata , Unix , C / C++, Java , Python , OOPS , HTML5 , CSS3 , JavaScript , React JS , SQL , PL/SQL , PostgreSQL , Mongo DB , Agile Scrum , Web Development , Firebase , GitHub .

Projects

Principles of Deep Convolutional GAN and its Implementation in Text-Image Synthesis

- Generate images based on caption input given by users.
- https://github.com/Sayak007/Text-to-Image-Synthesis-using-DCGAN

Covid-19 India Analyzer

- Predictor for daily confirmed cases saturation point and total confirmed cases stagnation point.
- Time Series Data & Peak Data Analysis
- https://covid-19-india-analyzer.herokuapp.com/

Publication

Page Replacement Technique on the Basis of Frequency of Occurrence of Pages

https://link.springer.com/chapter/10.1007/978-981-15-7834-2_77

Roles & Responsibilities

Director of Professional Development

Rotaract Club of Altruism

Aug,2020 – Present — Kolkata

Subject Matter Expert – Computer Science

Chegg India Pvt. Ltd.

April,2021 – August,2021 — CF Score- **90%**