

MEHUL CHATTOPADHYAY

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WORK EXPERIENCE

TuTeck Technologies

Senior Software Engineer

Kolkata, India

June 2022 - Present

- Successfully convert Go code into Swift binding frameworks by exposing an Objective-C API, resulting in improved compatibility and usability for the first decentralized CBDC iOS Wallet.
- Design and implement end-to-end software and infrastructure architecture for the flagship OCR product, leading to improved efficiency and performance.
- Develop Jenkins pipelines to handle deployments to EC2 for React and Flask apps, resulting in faster and smoother deployments.
- Lead the backend team in designing and developing a complete, high-performing customer, vendor, and admin-side REST API in Node.js from scratch for an e-commerce platform, optimizing it for maximum speed and scalability.
- Reduced React app deployment time by 30% by creating optimized and lean Docker images, resulting in faster and more efficient app delivery.
- Improved data processing efficiency by 40% by designing, developing, and re-engineering ETL pipelines in Azure Data Factory, resulting in faster and more accurate data processing and better decision-making.

Technical Lead

Conxult Innovations LLP

Kolkata, India

Jan 2022 - Oct 2022

- Research, design, implement, and manage software programs, resulting in increased efficiency and productivity.
- Deploy software tools, processes, and metrics, resulting in improved software development practices and outcomes.
- Maintain and upgrade existing systems, leading to better system performance and stability and improved customer retention.

PwC

SAP ABAP Consultant

Kolkata, India

May 2021 - Dec 2021

- Generate ZReports and Smart Forms for clients using SAP ABAP, resulting in improved efficiency of data fetching and display by 50% and increased client satisfaction.
- Find and correct bugs in code, resulting in improved system performance and fewer customer complaints.
- Generate high-quality code, follow best practices, and meet deadlines, resulting in increased customer satisfaction.

SKILLS

Programming Languages:	Javascript, TypeScript, Go, Python, Swift, Java (Basic)
Server Side + DBMS:	Node.js, Flask, FastAPI, MariaDB, MongoDB
Client Side:	React.js, HTML, CSS, SwiftUI, MaterialUI
Cloud:	AWS (CodePipeline,S3,EC2,ECS,RDS etc.), Azure(Data Factory,Logic Apps etc.)

PROJECTS

GrocerNest Node.js, MariaDB, Docker, AWS - EC2,S3

<http://grocernest.com/>

Transformation and Digitisation of an offline grocery + cosmetics business to a fully fledged e-commerce platform. (Including Inventory and Vendor Management System)

Eiger Wallet Go, SwiftUI, Docker, AWS - EC2

First decentralised CBDC iOS Wallet. (Complete transformation of the money minting system)

IDocuSense Flask, React, Docker, AWS - EC2,S3,RDS,CodePipeline

<http://18.169.164.196/>

OCR backed Risk Analytics Platform.

EG Australia Azure Data Factory, Azure Logic Apps, Snowflake, Azure Data Lake

Data Engineering for an Australian Retail Giant to gain better business insights.

ID-Mask, ID-Redact React.js, MaterialUI

https://www.datasafeguard.ai/data_privacy/

Automated redaction and masking using AI.