Sadashay Kanungo

+91 8178849236 | sadashay01@gmail.com | LinkedIn @sadashay-kanungo | Github @SadashayKanungo

EDUCATION

BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE, PILANI, K K BIRLA GOA CAMPUS   JUN 2024
B.E. Computer Science With M.Sc. Economics   CGPA: 8.23

EXPERIENCE

NYKAA E-RETAIL LTD. | Technology Intern   Jan 2024 – Present
Python · SQL   Bangalore, IND
- Currently developing a **prediction model** for **forecasting demand** of new products for optimal procurement before launch.
- Developed a **prediction model** for approximating improvements in **Net Promoter Score** with varying customer experience.
- Compiled a comprehensive report on **Net Promoter Score** after analysing customer feedback data; which was used by the **Executive Board** to assess performance and formulate business targets.

AMAZON INC. | Software Development Engineer Intern   Jul 2023 – Dec 2023
AWS · Apache Spark · Scala · Java · Typescript · SQL   Bangalore, IND
- Contributed to **architectural redesign and migration** of Sherlock (Financial Reconciliation framework) resulting in **3 times faster on-boardings** for customers with **reduced engineering effort**.   (Stack: AWS EMR, S3, Glue, Athena, CloudFormation)
- Delivered **project-critical design changes** for Watson (Reconciliation Monitoring and Reporting framework) establishing its compatibility with Sherlock's new architecture.   (Stack: AWS Lambda, Step Function, CloudWatch, AWS CDK)
- Integrated **Tickety API service** into Watson, resulting in simplification of design, **deprecation of legacy infrastructure** and yielding **annual savings of over 1000 USD in hardware cost**.   (Stack: AWS Lambda, AWS SAM, Dagger, Mockito)
- Built and automated **AWS Quicksight Dashboards** for publishing Reconciliation reports which were earlier being shared as Excel files. This transition resulted in an **elevated user experience**, new features like **access control** and **data visualization**.

BLUE ROCKET LLC. | Freelance Developer | LOR ↗ LINK ↗   April 2023 – May 2023
OpenAI-API · Flask · MongoDB · React.js · Stripe-API   Remote
- Designed, developed and delivered **Elephant.ai**, a feature-complete **No-Code Platform** enabling business owners to create and deploy **Custom GPT-powered Chatbots** trained on their website's content to resolve queries and boost engagement.
- Elephant.ai (v1.0) was adopted by **1,500+ paying customers** in a span of 9 months before being superseded by v2.0

GOOGLE SUMMER OF CODE | Contributor | BLOG ↗ LINK ↗   June 2022 – Sep 2022
Typescript · Node.js · Solidity · Ethereum · IPFS · Mocha · Docusaurus   Remote
- Conceptualized, designed and developed **NFT-Toolbox**, an **NPM package** providing **simplistic APIs for all NFT related tasks** viz., **Batch Image Generation** from layers, **IPFS Storage** on multiple providers, **Smart Contract** deployment and interactions.
- NFT Toolbox was introduced as a new project in **GSoC 2022**. It has been selected for the programme every year since then and continues to be developed by the open source community.

W3DEV PVT. LTD. | Blockchain Development Intern   Dec 2021 – Jan 2022
Solidity · Ethereum · TypeScript · GraphQL · GraphNetwork   Remote
- Developed and deployed **Smart Contracts** for an **NFT Marketplace** application supporting NFT minting, sales and auctions.
- Created a subgraph on **GraphNetwork** and designed it's **GraphQL Schema** for storing NFT Marketplace's **data parsed from on-chain events**; resulting in **elimination of gas costs** for retrieving data, **faster queries** and **lower latency** on the front-end.

PLATIFI SOLUTIONS LTD. | Software Development Intern   May 2021 – July 2021
MongoDB · Express.js · React.js · Node.js · ElasticSearch   Remote
- Led team of 6 interns to design and develop a **Covid-Tracker** application with **MERN stack**.
- Developed a POC showcasing **Search Autocomplete** feature implemented using **ElasticSearch**.

TECHNICAL SKILLS

LANGUAGES : TypeScript, JavaScript, Java, Python, C++, SQL, Solidity, Scala, Kotlin
FRAMEWORKS : Node.js, React.js, Flask, FastAPI, GraphQL, Mocha, Mockito, Ethers.js
TECHNOLOGIES : Amazon Web Services, MongoDB, MySQL, ElasticSearch, Ethereum