ASUTOSH BEHURIA

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EXPERIENCE

SDE intern   **Dec 2024 – Present**
KFin Technologies limited   *Bhubaneswar, Odisha*
- Created a webhook Lambda function that backs up large volumes of PostgreSQL data to S3 daily in parquet format. Data integrity is implemented using Athena queries against the S3 objects. added email notifications with backup metrics and query duration visualization.
- Developed Python Lambda functions for incremental ValueResearch API data ingestion with dynamic table creation across multiple database platforms (Oracle, MySQL, PostgreSQL) using a class-based architecture.
- Developed WMS backend with Go, implemented bulk and concurrent PDF generation for dynamic asset visualization using Typst, Gin API, Goroutines and Gochannels with robust error handling.

Full Stack Developer   **May 2022 – Dec 2024**
Enigma - web and coding club of VSSUT   *Sambalpur, Odisha*
- Designed frontend of SamaveshXVassaunt the official fest website of VSSUT
- Contributed to various team projects like Student Management System, Ritrovo(social media app)

PROJECTS

ChessMate - Multiplyer Chess Game | github
- Developed a website for online chess, used MERN stack with websocket for realtime backend communication
- Implemented features like play with friends and random matching, timer based game, move highlighting, legal moves indicator, seamless OAuth google authentication and deployed on AWS using EC2.
- Tech stack : **TypeScript, React.js, Tailwind CSS, Recoil, Node.js, WebSocket, Express, Postgresql, Prisma, Turborepo, AWS.**

CheatCode - An Online Code Editor | github
- Developed An Online IDE with support for languages like C++, Javascript, Python with filetree support
- Used Docker to run user code in an secure isolated environment and deployed on AWS using Nginx reverse proxy Developed a code complexity calculator and code converter using **Gemini Ai.**
- Tech stack : **TypeScript, React.js, Recoil, Node.js, Tailwind CSS, Monaco Editor, Docker, Dockerode, AWS.**

YTDownloader - A Youtube Video Downloader | github
- Developed a Youtube video downloader which can download videos upto 4k resolution.
- Implemented high quality data stream downloading using ytdl-core, separate stream merging using **ffmpeg.**
- Tech stack : **TypeScript, React.js, Node.js, ytdl-core, ffmpeg, Express, Tailwind CSS.**

SKILLS

Languages: TypeScript, C++, JavaScript, HTML/CSS, Golang
Frameworks: Next.js, Express, Hono
Libraries: React.js, Material UI, Tailwind CSS, Shadcn
Developer Tools & Others: Docker, AWS , Linux, Git, GitHub
Coursework: Data Structure and Algorithms, Operating System, OOPs In C++

EDUCATION

Veer Surendra Sai University of Technology, Odisha   **CGPA: 9.17**
Bachelor of Technology, Computer Science and Engineering   Dec 2021 – Present

Saraswati Vidya Mandir, Odisha   **Percentage: 94.16**
Intermediates, PCM   May 2019 – May 2021

CODING PROFILES

1. Leetcode   2. GeeksForGeeks

ACHIEVEMENTS

- Solved **500+ DSA problems** on Leetcode with Daily Challenge **streak of over 300 days.**
- Solved **290+ DSA problems** on geeksforgeeks