

AKSHIT MITTAL

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Technical Skills

Languages: JavaScript, Java, C++, HTML/CSS, TypeScript, YAML, SQL

Technologies: Express, React, Recoil, Redux, Next.js, Tailwind CSS, Git, REST APIs, AWS (Amazon Web Services), GCP (Google Cloud Platform), Jenkins, Docker, Kubernetes, Ansible, Terraform IaC, YAML, MongoDB, PostgreSQL, GitHub

Coursework: Data Structures and Algorithms, Computer Programming & Problem-solving, Object Oriented Programming OOPS, MicroServices, CI/CD, SDLC, Agile Methodologies, DevOps tools and technology, Business Analysis

Experience

SOFT FREIGHT LOGIC

Dec 2022 - Jan 2024

Software Development Engineer

New Delhi, India

- Acquired industrial expertise in **API and Web Development**. Utilized the **MERN (MongoDB, Express.js, React.js, Node.js)** stack to develop user-friendly **web applications facilitating system data integration** for EDI (Electronic Data Interchange) standards including X12 and EDIFACT within the logistics Freight Forwarding industry. Implemented **FTP** protocols for receiving EDIFACT files from clients, automated file handling using Node.js, parsed EDI data, and converted it into XML format for seamless **integration with CargoWise software** via provided APIs.
- Engaged closely with a clients and project managers, **overseeing ongoing production projects** as a dedicated full-time resource while adhering to all **SLAs**. Performed **Software documentation**.
- Designed and implemented dashboards using **React** and **JavaScript** to visualize data stored in Amazon DynamoDB, decreasing time to understand the **delivery driver work sessions by over 2 times**.
- **Led 2 interns**, overseeing the launch of their projects till UAT and production.
- Contributed to Setup a **CI/CD pipeline** for triggering automated build, tagging and deployment of application to production. Leveraged automation tools like **Maven** in **Jenkins** CI/CD workflow, **contributing to 25 to 30 percent increase in pipeline efficiency**. Got industrial exposure in development of logistics **SaaS** in a **Startup**.

MKT XCL DATA MATRIX Pvt Ltd

March 2022 - June 2022

Business Excellence

New Delhi, India

- **Analysed Raw Data** from market research surveys to construct **Statistics Dashboards** and generated performance reports to evaluate business impacts, resulting in a **15 percent increase in business efficiency**.

Projects

Full Stack real time Payment Application | *Node.js, Recoil, React, Tailwind CSS, Express, MongoDB* Feb 2024

- Developed real-time money transaction app with Node.js, Express, and MongoDB. Implemented JWT for secure user authentication and Recoil for state management. Utilized React Router DOM for seamless navigation. Transactions were managed securely with Mongo DB transaction sessions ensuring a dynamic and secure user experience. Achieved sleek UI design with Tailwind CSS. || [GITHUB](#) | [LIVE APP](#)

Tasks Management Application | *ReactJS, NodeJS, Express.js, MongoDB, JWT auth, HTML, CSS* Dec 2023

- Designed and developed a classic Tasks Management application using the MERN stack, enabling authenticated users to seamlessly manage tasks by effortlessly add, update, delete and various other functionalities in a sleek UI design. Implemented JWT authentication for secure user access control. || [GITHUB](#) | [LIVE APP](#)

CPU Monitoring Web App CICD setup | *Python, Docker, GitHub Actions, Bash, GCP, Shell Scripting* Oct 2023

- Developed CPU Monitoring Web App in Python using the Flask, for tracking system performance. Established a CI/CD workflow to automate containerization and deployment, ensuring seamless updates for each commit. || [GITHUB](#)

Teaching Individuals || [LINKS \(DEVOPS Tools Tutorial || Golang Tutorial || Shell-Scripting\)](#) 2022 - 2024

- Passionately Shared knowledge and Mentored individuals about various technologies, while continuously learning

Other projects | *Python, ETL job, AWS, AWS EC2, Terraform, Ansible playbooks, Jenkins, YAML, Docker* 2020-2023

- ETL (Extract Transform Load) job, on Covid-19 dataset based in AWS Redshift via Python Jupiter Notebook || [LINK](#)
- Provision virtual EC2 machine through IaC in Terraform and built the ansible playbook to install packages. || [LINK](#)

Achievements & Certifications

Leetcode - Solved 400+ Questions | [LINK](#), *HackerRank - 5 Star Gold Badge (Problem Solving)* | [LINK](#) 2024

Cal Tech University || *DevOps Certification Training (Cloud, Devops Tools)* || [LINK](#)

July 2023 - Dec 2023

Coding Blocks Academy || *C++ DSA (Basic + Advanced) Certification* || [LINK](#)

Aug 2020 - Nov 2020

Education

Guru Gobind Singh Indraprastha University

Aug 2018 – Aug 2022

Bachelor of Technology in ECE || *CGPA: 8.0*

New Delhi, Dehi