SHIVAM RAI

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EXPERIENCE

Software Developer   Jul 2023 - Sep 2024
Lost Ferry Interactive   *Mumbai*

- Developed a high-performance **inventory traceability application** using **Django**, **Vue.js**, and **FoundationDB**, improving **supply chain accuracy** by **25%** through **MVC** and **RESTful design**.
- Automated data pipelines by integrating **Zoho Creator** and **Zoho Flow**, reducing **manual processing time** by **50%**.
- **Built CI/CD pipelines** using **GitHub Actions** to streamline **deployment**, decreasing release time by **40%**.
- Designed and implemented **microservices** using **Golang** and **Django**, enhancing **backend modularity** and **system scalability**.
- Diagnosed and resolved **API and system issues** using tools like **Postman** and log tracing, improving **system reliability** by **15%**.
- Participated in **Agile practices**, including **sprint planning**, **daily stand-ups**, and **retrospectives**, ensuring timely delivery of features.

Software Developer Intern   Nov 2022 - June 2023
Lost Ferry Interactive   *Mumbai*

- Built a real-time **algorithmic trading platform** using **Django**, **Vue.js**, and **C++**, ensuring high **performance**, **reliability**, and **scalability**.
- Designed and deployed a **stock portfolio recommendation engine** tailored to user preferences, improving **decision-making experience**.
- Integrated **Netsuite ERP** with external systems via SOAP APIs, enabling **secure** and automated **data exchange**.
- Supported **secure integration** and contributed to maintaining **IT compliance** and **data protection** standards.

PROJECTS

Orderrr: An E-Commerce Website |

- Developed and deployed a **responsive web application** for seamless buying and selling of designs using **React**, **Redux**, **Node.js**, **Express**, and **MongoDB** and **AWS S3** for file storage.
- Redesigned the backend using **Django** and **SQL**, optimizing database queries and reducing **response times** by **50%**.
- **Enhanced user experience** by integrating **advanced search**, **filtering**, and **testing features**.

Waiter: Contactless Dining Platform |

- Built a **QR-code-based dining platform** using **Vue.js**, **Vuex**, **Django**, **SQL**, and **WebSocket**, enabling instant **order submissions** and **real-time updates**.
- Deployed the application on **AWS (EC2, Lambda) for scalable and reliable performance** in production environments.
- Integrated **Amazon S3** for **efficient and secure media file storage**, including menu images and **docker for containerization**.
- Implemented a **machine learning-based dish recommendation system** using dish ingredients.

SKILLS

Languages: C++, Python, JavaScript, GoLang, SQL

Front-end: VueJs, ReactJs, NextJs, Vuex, Redux, jQuery, Bootstrap, Tailwind CSS

Back-end: Django, FastAPI, NodeJs, ExpressJs, Gin

Databases: PostgreSQL, SQL, MongoDB

Technologies & Tools: Git (Code Versioning), AWS, Docker, Docker Compose, Google Cloud Vision, Linux

EDUCATION

DIT University   Uttarakhand, India
Bachelor of Technology - CSE — GPA: 7.8   *2019 - 2023*