Sejal Goyal

LinkedIn | GitHub | Leetcode | Behance

Email : sejal.goyal.dev@gmail.com
Mobile : +91-7357019310

EDUCATION

Indian Institute of Information Technology, Gwalior — Madhya Pradesh, India
Integrated B.Tech - M.Tech in Information Technology — *Aug'19 – May'24*

KVM Public Senior Secondary School — Rajasthan, India
*All India Senior School Certificate Examination, **Percentage: 94.8%*** — *Jul'18 – May'19*

EXPERIENCE

Software Developer | Intellosync | *Homepage* | SaaS | Full Time — Onsite
Advanced Query & Analytics Engine — *Jul-24 - Ongoing*

- Developed an advanced filtering & sorting engine using **Mongoose & MongoDB aggregation pipelines**, supporting **complex queries** (AND, OR, IS, CONTAINS, BETWEEN) across **20+ contract fields** for optimized data retrieval.
- Implemented the **Management Information System (MIS) report** generation and Excel exports with **Redis-backed async job queues (BullMQ)**, ensuring efficient processing of large datasets in cloud and **on-premise** environments.
- Developed a **Persistent View Management system**, enabling users to **create**, **save** and reuse **complex filtered views** with multi-condition queries, enhancing **Contract Insights**, pre-filtered analytics, and decision-making workflows.

Alert Service & Contract Lifecycle Features

- Architected a high-performance **Alert Service** using MongoDB aggregation pipelines and **event-driven processing**, delivering **time-sensitive notifications** on contract milestones across **10,000+ contracts** daily for **enterprise clients**
- Integrated **Cron Jobs** for scheduled alert execution, ensuring timely email notifications & contract status updates.
- Built frontend using **React.js** and **Redux**, enabling users to configure **contract renewal settings** & **opt-out periods**.

Software Developer | Intellosync | *Homepage* | SaaS | Internship — Gurugram
AI-Integrated Smart Annotation System — *Jan-24 - Jun-24*

- Designed an **AI-integrated Legacy Contract PDF Rendering System** handling **100+ Page** PDF documents using **ReactPDF** & Canvas APIs, optimizing **Scaling**, **Text Layering**, and streamlining contract creation and verification.
- Highlighting the **Pixel-Precise Bounding Box Overlays** to visualize **AI-extracted contract attributes**, implementing **synchronized scrolling** functionality for seamless navigation between extracted metadata and the source document.

PROJECTS

Vibely - Content sharing platform | Javascript, React.js, Node.js, Express.js, MongoDB, Mongoose

- Developed a **MERN-based** social platform enabling engagement, seamless content sharing, and community building
- Implemented **JWT authentication with password hashing**, ensuring secure access control and session management
- Designed scalable **MongoDB schema**, used **indexing** to improve query speed, data retrieval, and storage efficiency
- Impact & Outcome: Gained hands-on experience in full-stack web development and enhanced problem-solving skills

SecureDrive - Hierarchical File Management | Javascript, React.js, Node.js, Express.js, MongoDB, Mongoose

- Built a file manager with drive-level inherited permissions and Role-based Access Control (Read, Write & Manage)
- Implemented user-specific permissions for secure access control, upload restrictions & permissions modifications.
- Architected a hierarchical file system using **Recursive React Component** for dynamic nested folder management.

TECHNICAL SKILLS

Languages: C/C++ · JavaScript · HTML · CSS
Frameworks/Libraries: NodeJS · ExpressJS · MongoDB · ReactJS · NextJS · Redux · Mongoose
Domain Knowledge: : Data Structures & Algorithms · Operating System · OOPS · DBMS · UI/UX Development
Tools/Platforms : Git · GitHub · Adobe XD · Adobe Photoshop · Adobe Illustrator · Figma ·

ACHIEVEMENTS

- Selected as a **Virtual Grace Hopper Celebration'21 Student Scholar** out of **29K+ registrants**
- Achieved **Rank 98** out of 1400+ participants in **ICPC AlgoQueen 2024** - Finals.
- Achieved a robust coding profile by solving over **650+ questions** on **LeetCode**.
- **HackNITP3.0**, secured **Rank** 13th out of 100+ participating teams