

ANKIT KUMAR MAURYA

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Experience

TrainedMind

Senior Software Engineer

Remote

Nov 2024 – Dec 2025

- Developed and maintained robust full-stack web applications using [Frontend Framework/Library - React.js, TypeScript] for dynamic user interfaces and [Backend Framework - Node.js (Express.js)] for scalable server-side logic.
- Designed and managed relational databases (PostgreSQL and MySQL) including query optimization and data migration, ensuring high performance and data integrity.
- Implemented RESTful API endpoints to facilitate seamless communication between frontend and backend systems, enhancing data flow and application responsiveness.
- Actively participated in troubleshooting, debugging, and resolving complex technical issues across the full stack, ensuring smooth operation and user satisfaction.

Projects

OCR Processing System

- Developed a comprehensive document management system with Optical Character Recognition (OCR) capabilities for processing, validating freight shipping documents. It streamlines document workflows through automated data extraction, user verification, and secure authentication.
- Built responsive UI using React 18 with TypeScript for type safety.
- Backend (Node.js + TypeScript): RESTful API development with Express.js and TypeScript.
- PostgreSQL database with Sequelize ORM and automated migrations.
- JWT-based authentication with Microsoft Azure AD integration.

XL On Web – Cloud - Based Excel Editor

- Developed a full-featured web-based Excel editor that enables users to view, edit, and collaborate on Excel files directly in the browser without requiring Microsoft Office installation. This enterprise-grade application integrates with Microsoft 365/SharePoint for seamless file management and provides a native Excel-like experience through advanced spreadsheet components.
- Spreadsheet Engine: Mescius SpreadJS (formerly GrapeCity) with full Excel compatibility.
- Cloud Integration: Microsoft Graph API, Azure AD authentication.
- Advanced Spreadsheet Features: Full Excel formula support, charts, pivot tables, barcode generation, and PDF export.

Skills

Programing Languages : JavaScript, Tailwind, HTML, CSS

Framework / Tools : React.js, Vue.js, Node.js, Express.js, Sequelize

Database : PostgreSQL, MySQL

Education

Delhi University

B.S. (Honors) in Computer Science (Minor in Electronics) (**GPA:** 5.23)

KMV, DELHI

August 2015 – Nov 2019