Manindra Bollam

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github.com/manindra-bollam

Technologies

Languages: Javascript, Python, SQL

Frameworks: Nest JS, Next JS, React JS, Express JS

Databases: MongoDB, PostgreSQL, SQL Server, My SQL, Elastic Search

Technologies: Node JS, HTML 5, CSS, Stripe, Strapi, Electron JS, Ext JS

Work Experience

Platform Engineer, Infiligence Technologies Pvt Ltd – Chennai, India.   Apr 2025 – Present
- Led backend architecture and development using **NestJS**, **NodeJS**, **Express.js** and **PostgreSQL.**
- Built and maintained responsive frontend modules using **Next.js** and **React** delivering user friendly interfaces.
- Owned full **software development lifecycle** from client requirement gathering ,solution design, testing, deployment, monitoring, and production support.
- Worked closely with **QA and design teams** to ensure bug free production release
- Conducted performance optimizations and code refactoring that reduced API response times by 35% and improved overall system stability.

Senior Software Engineer, Neural Nexus Technologies Pvt Ltd –Hyderabad, India.   Jul 2023 – Mar 2025
- **Led complete backend** development for the company as the primary backend engineer.
- Worked on multiple client projects, developing scalable backend services and REST APIs.
- Developed **Node.js** data processing scripts to handle large incoming datasets, managing complex relationships before saving to the database, increasing the performance by 90%
- Built a secure document sharing supporting internal and external sharing, role based access, and digital signatures.using **NestJS** and **PostgreSQl** with **Microservices** architecture
- Collaborated on **NestJS** backend for an AI based furniture delivery platform that shows design recommendations to users based on user selections.
- Collaborated with frontend and QA teams to deliver features, fix defects, and ensure reliable production releases.

Full Stack Developer, Cumulations Technologies –Bangalore, India.   Jun 2021 – Jul 2023
- Built **complete backend** from scratch for a no code to low code generation platform using **Node js**, **Express Js**, **MongoDB** enabling users to design production ready apis with 90% success rate.
- Integrated secure authentication, **OAuth**, **Social Logins**, and handled payments using **Stripe** gateway
- Develop backend for client projects using **Strapi** CMS and **PostgreSQL**

Software Developer, Tekgile Solutions–Kerala, India.   Dec 2020 – Jun 2021
- Developed backend for **voice based applications** including APIs and DB architecture.
- Contributed to UI features using **HTML, CSS, JavaScript** and **ExtJS** for backend integration.
- Implemented secure authentication using **OAuth, Authentication** and **Authorization**
- Collaborated with QA teams and delivered features efficiently in an **Agile** environment

Education

Birla Institute of Technology and Science(BITS Pilani), M.Tech in AI & ML   Nov 2024 – Nov 2026
- **Coursework:,** Artificial and Computational Intelligence, Machine Learning, Deep Neural Networks, Deep Reinforcement Learning, Natural Language Processing & Applications, ML System Optimization, Conversational AI, Computer Vision

Bharath Institute of Higher Education and Research, Chennai, B.Tech in Computer Science   June 2016 – Jun 2020
- CGPA: 8.7/10.0
- **Coursework:** Object Oriented Programming, Data Structures and Algorithms, Operating Systems, Computer Networks, Data Mining, Design and analysis of Algorithms, Database Management systems

Projects

Barrett Jackson   https://www.barrett-jackson.com/
- Contributed to a **live auction website** handling **5+ lakh concurrent users** during peak events.
- Built backend and UI features using **Next.js**, **PostgreSQL**, and **Strapi CMS**.
- Developed pages and components based on client designs and changing requirements.
- Participated in client calls for requirement discussions, demos, and progress updates.
- Tech Stack Used: Node js, Next JS, PostgreSQL, Strapi CMS, Algolia Search, Redis

Conektto   https://www.conektto.io/
- Built the entire backend **from scratch** using **Node.js** and **MongoDB** for an AI-based code generation platform.
- Developed features to **design and generate production-ready APIs** through a drag-and-drop UI.
- Implemented **OAuth login**, secure authentication, and role-based access.
- Created and optimized **complex MongoDB queries** for scalable data operations.
- Tech Stack Used: Node js, Express JS, MongoDB, Electron JS, Stripe, React JS

Inhabitr   https://inhabitr.ai/
- Contributed to an **AI-based furnishing platform** by developing backend features using **NestJS** and **PostgreSQL**.
- Worked on a **microservices architecture** to improve scalability and performance.
- Collaborated with the team to implement backend requirements and enhancements.
- Tech Stack Used: Nest JS, PostgreSQL, Express JS

Flinn(Personal Project)   https://github.com/manindra-bollam/Flinn
- Developed a complete **e-commerce website** with product listing, cart, and checkout features.
- Built backend using **Node.js**, **Express.js**, and **PostgreSQL and Stripe for payment integration.**
- Implemented **user authentication**, order management, and admin dashboard for product control.
- Created responsive **frontend using React and Redux**, improving state handling and performance.
- Tech Stack Used: PostgreSQL, Express JS, Node JS, React JS

Reflect writing(Personal Project)   https://github.com/manindra-bollam/reflect-writing
- Developed a blog application where users can create blogs, edit blogs, Publish blogs or save them privately as well.
- Tech Stack Used: Node JS, Express JS, MongoDB