

Sandip Choudhary

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SUMMARY

Full-stack, detail oriented software engineer with 6+ years of experience specializing in .NET, React.js and ability to incorporate competitive design and tech skill on a product to match industry standard.

WORK EXPERIENCE

Apr 2022 - Aug 2024 Software Engineer at Pratham IT System Pvt.Ltd

- Built global standard inventory system inspired from SAP and increased work efficiency by 50% by providing bulk operation for every features.
- Maintained multi-tenant backend infrastructure along with POS desktop to be reliable most of the time.
- Optimized database performance for improving bulk operation which increases store worker productivity by 50%.

Jun 2018 - Mar 2022 Software Developer at Crystal Solution

- Developed intuitive UI interfaces for ERP systems and POS for Hotels and Cafe that increased staff's productivity.
- Initiate design phase in Figma which cuts development iteration cost.
- Manage private Linux server for app deployment which result in 99.9% up-time of the system.

PROJECTS

Lekhastra (Inventory Mangement System) (<https://demo.lekhastra.com>)

SAP inspired inventory management system for chain stores in Nepal having serving 30+ department stores

Crystal ERP (<https://thecrystalerp.com>)

Custom developed ERP system for School, Restaurant, Account & Inventory

Battery Notifier (<https://github.com/Sandip124/BatteryNotifier>)

An beautiful windows app to track your battery charging status and notifies you when the battery is full or when you need to connect your charger.

EDUCATION

2024 - present Master (Computer Science) at **IT University of Copenhagen, Denmark**

Coursework: Machine Learning, Big Data, Advanced Programming, Algorithm Design, Parallel Programming, Computer System Performance, Software Engineering

2017 - 2023 Bachelor's Degree at **Purbanchal University, Nepal**

SKILLS

Backend : .Net, C#, Node.js, Python

Frontend : React.js, Next.js, Vue.js, Nuxt.js, Javascript, Typescript, Tailwind CSS

Mobile : React Native

Database : PostgreSQL, MySql, MongoDB

Design : Figma, Framer, Rive

AI/ML : LLM Integration, Machine Learning, Python, Prompt Engineering

Big Data : Apache Spark, Distributed Computing

Systems : LLVM, JIT Compilation, GPU Optimization

Other : Git & Github, Docker, Kubernetes, CI/CD