

NIPUL SINGAL

Portfolio - nipulsingal.com Medium - [@NipulSingal](https://www.linkedin.com/company/@NipulSingal)

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Education

University School of Information Communication & Technology - GGSIPU Aug 2018 – Jun 2022
Bachelor of Technology in Information Technology, CGPA: 8.5/10.0 Delhi, India

Skills

Languages: C, C++, Python, JavaScript, TypeScript, Ruby, SQL, HTML, CSS, Bash
Frameworks & Library: React, Node.js, Angular, Vue, Ruby on Rails, Tortoise ORM, Sanic framework
Database: PostgreSQL, MongoDB, MySQL, Redis (Elastic Cache)
Tools and Technologies: Git, Atlassian (Jira, Bitbucket), Jenkins, Vault, Redash, Metabase, RDS, S3, K8, EC2
Other Skills: Data Structures & Algorithms, Linux and Win32 Programming, Agile Methodology, Operating Systems

Experience

Software Development Engineer (Backend Engineer) Feb 2022 – Present

Tata 1MG

Link

- Contributed to the pharmacy project **DLS** (Design Language System), seamlessly integrating the new design framework to enhance screen development, ensure API standardization, and deliver a consistent UI/UX across all platforms.
- Played a pivotal role in the **Rehash** project for pharmacy & labs, enabling efficient retrieval of customer location.
- Led **DLS** project Backend for labs - drove 4.5pp traffic increase (Payment Screen Visitors / Cart Visitors)
- Achieved a 30% cost reduction within the team by optimizing multiple features, leveraging Apache load testing tools.
- Spearheaded the **Ideal Checkout** project, streamlining the order placement process with a 1-click solution.
- Enhanced efficiency of multiple EC2 and K8s services by scaling down infrastructure, RDS, and Elastic Cache
- Tech Stack-** Python, Sanic framework, Google Maps API's, Amazon Web Services (RDS, S3, Elastic Cache, K8s, EC2)

Software Development Intern (Full Stack) July 2021 – Jan 2022

Coding Ninjas

Link

- Developed an in-house Scratch Cards' feature and improvised it by implementing **RazorpayX** API for instant redeem.
- Increased the revenue by 17% by redesigning the Course Purchase flow and implementing the Add-On feature.
- Worked on an in-house feature-wise configurable A/B testing tool that works on the basis of user's marketing token.
- Tech Stack-** Angular, Ruby on Rails, PostgreSQL and AWS.

Software Development Consultant (Frontend) Oct 2020 – Dec 2020

Unotech Software Pvt. Ltd

Link

- Developed frictionless login for **Cymmetri** through Multifactor Authentication and Passwordless Login integration.
- Enhanced user experience with features like Privilege Access Management and Data Access Governance.
- Tech Stack-** ReactJS, Redux, MaterialUI, Material-Table, Javascript, Typescript.

Software Development Intern (Frontend) Jun 2020 – Oct 2020

Vezures, Intellibuzz

Link

- Worked on developing a robust IAM platform **Cymmetri** that helps a business ride high by reducing risk.
- Tech Stack-** ReactJS, Redux, MaterialUI, Material-Table, Javascript, Typescript.

Full Stack Developer Intern Nov 2019 – May 2020

PFRepo Technologies Pvt. Ltd

- Worked on an Education Management Portal for creating and maintaining – in real time – a private digital portfolio.

Projects

Infoexpression'19, USICT | *VueJS, AOS, RellaxJS, Vue Event Card* Demo Code VideoLink

- Worked in a team of 6 to build a website for **Infoexpression'19** (University Technical-Fest).
- Enhanced the Home Page sections by adding Scroll Fade Animations using Animate on Scroll Library (AOS).
- Implemented the Events Page for user registrations by using Vue Event Card.

NPM Package - Resume | *JavaScript, NPM, Chalk, Inquirer* Demo Code VideoLink

- Developed a Nodejs-CLI app for displaying my resume and published it to NPM (Package Manager).
- Created the menu by using inquirer.js and command for installation is **npx nipul-singal**