SUNIL

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TECHNICAL SKILLS

Frontend:	Javascript, Typescript, ReactJs, NestJs
Backend:	NodeJs, ExpressJs, NestJs
Database:	Oracle, MySQL

EXPERIENCE

Senior Software Engineer — Dec 2023 - Current
HB Software Solutions — *Gurugram, Hariyana, IN*

- Implemented 18 microservices for a ride booking application, tailored to client requirements.
- Managed multiple projects efficiently using a monorepo architecture.
- TypeScript, NestJS, MongoDB.

Software Developer — Mar 2022 - Dec 2023
HB Software Solutions — *Gurugram, Hariyana, IN*

- Developed Tabular Reports Dashboard with Admin and End user access that benefitted 7 clients of HBSS.
- Reduced the UI loading time by implementing the lazy loading and caching techniques resulting in almost instant loading of login page.
- Reducing costs of development by implementing the free solution rather than using paid solutions from market. E.g. Resolved Page Unresponsive while downloading the heavy pdf report.
- ReactJS, NodeJS, ExpressJS, SQL, and MaterialUI

Software Trainee — Jun 2021 - Mar 2022
HB Software Solutions — *Gurugram, Hariyana, IN*

- Designed and developed the frontend of the trip planning web application using React.js.
- Installed and setup OpenTripPlanner 2 (OTP2) server.
- Led the development and integration of Open Source OpenTripPlanner 2 (OTP2) into a custom-built trip planning web application.

Research Intern — JUN 2021 - Dec 2021
Delhi Technological University — *Delhi, IN*

- Conducted in-depth research and reviewed various scholarly papers on secure and energy-efficient IoT devices.
- Developed a hybrid algorithm combining SZ 1.4 compression and ChaCha12-Poly1305 encryption to enhance data security and efficiency.
- Executed and tested the algorithm on a Linux OS environment.
- Led a team of 3 members, coordinating efforts and ensuring project milestones were met effectively.

PROJECTS

Catch Me: Developed an interactive game using Vanilla JavaScript during my college years, later refactoring it into ReactJS while working at HBSS. The game engages players by testing their reflexes and agility as they attempt to catch a moving object within a limited time frame.([Try it here](#))

YouTube Search Chrome Extension. Developed a Chrome extension that seamlessly integrates YouTube search into the browser's context menu. Key features include a user-friendly interface, enhanced browsing experience, and customization options for quick and efficient content discovery on YouTube.

Scrollbar-Slider: A Customizable React Carousel Component (NPM Library). Developed scrollbar-slider, an NPM library that offers a customizable React component with dynamic carousel functionality and an integrated scrollbar for seamless slide navigation. The library enhances user experience and accessibility with a sleek, user-friendly interface and optimized performance. [(Try it here)](#)

EDUCATION

BTech in Computer Engineering, Delhi Technological University — 2017 - 2021
Relevant Coursework: Object Oriented Programming, Database Management System, Operating Systems, Computer Networks, and Data Structures and Algorithms.