

Shubham Goel

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Skilled software developer with 2 years of experience in designing, developing, and optimizing scalable applications. Proficient in backend development with Node.js, Express, and databases like PostgreSQL and MySQL. Strong problem-solving abilities and experience with API integrations, validation handling, and asynchronous programming. Passionate about building efficient, maintainable, and high-performing software solutions.

Skills

Git, Linux, Node.js, React.js, HTML/CSS, Javascript, Typescript, Express.js, PostgreSQL, MySQL, PHP, C++ , MongoDB, Docker

Experience

Dave's Brother Technology

February 2023 – April 2023

Node.js Developer Intern

- Worked as a **Node.js Developer** to build a **Learning Management System** for delivering online courses, developing backend services to support both the **Admin (Author)** interface and the **Student Portal** for seamless course management and user engagement.

Techbridgesoft Innovation Private Ltd.

May 2023 – March 2025

Software Developer

- Led development of a scalable **Remote Monitoring System** on **Linux** using **Node.js** and **React.js** to manage IT infrastructure.
- Architected and implemented **Asset Management** with **RBAC**, remote access (**VNC/RDP/SSH**), and **Ansible-based patch automation**.
- Integrated **SSO (SAML)** with enterprise **IAM tools** for centralized authentication.
- Spearheaded migration of **iTop (ITSM)** from **PHP** to **Node.js + React.js**, improving performance and maintainability.

Education

Maharaja Surajmal Institute Janakpuri New Delhi

2020 - 2023

Bachelor of Computer Application

Projects

Remote Monitoring System

- RMS enables users to establish secure remote connections to target devices using **VNC, SSH, and RDP** protocols, providing seamless access for administration and troubleshooting.
- Implemented a built-in **Role-Based Access Control (RBAC)** system to define granular permissions, ensuring secure and restricted access based on user roles.
- Equipped with an **administrative monitoring** feature that allows admins to track and audit active remote sessions, enhancing security and compliance.
- Implemented an **automatic patch scheduler** using **Ansible playbooks** to automate patch deployment, enhancing security and reducing manual effort.
- Developed the **frontend and backend** using **Node.js** and **React.js** for a responsive and intuitive user experience.
- Integrated with **IAM tools** to provide **SSO authentication using SAML**, streamlining user access management.

ITSM and Asset Management Platform

- Developed the **backend** of the ITSM and Asset Management platform using **Node.js, Express, and PostgreSQL**, ensuring scalability and performance.
- Designed the **ITSM module** to handle **incident, service request, and problem management**, streamlining IT support workflows.
- Built the **Asset Management module** to track and manage **hardware and software assets**, including inventory, assignments, and lifecycle management.
- Implemented **Role-Based Access Control (RBAC)** to enforce fine-grained permissions and secure resource access.
- Integrated with **IAM tools** for **SSO authentication using SAML**, enhancing security and centralized access management.