

Nikhil Sirohi

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Professional Experience

Softepex It Solutions Opc Private limited

December 2022 - Present

Full Stack Developer

- Architected and deployed a scalable employee recognition platform, empowering peer-to-peer recognition and reward nominations, driving a 30% increase in workplace engagement.
- Leveraged **AWS SES** to optimize email delivery, achieving a 40% reduction in latency and ensuring secure, reliable communication across the platform.
- Engineered **Role-Based Access Control (RBAC)** for employees, admins, and recruiting teams, enhancing security and streamlining access to critical features.
- Developed a dynamic **analytics dashboard** to track rewards and recognition trends, boosting user engagement by 25% through actionable insights.
- Designed and launched a job application and referral platform, integrating React.js to create a seamless multi-step candidate experience, reducing application drop-off rates by 20%.
- Built a high-performance file upload system using **AWS S3** for resume submissions, cutting upload times by 30% and improving candidate onboarding efficiency.
- Spearheaded the development of a robust candidate filtering and selection system for recruiters, incorporating RBAC to accelerate hiring workflows by 15%.
- Optimized platform stability by configuring **rate limiting with Express middleware** across high-traffic endpoints, reducing server overload incidents by 45% and ensuring consistent performance under load.

Education

• Netaji Subhas Institute of Technology

B.E. (ICE)- 7.5 CGPA

Delhi, India

August 2017 – August 2021

Skills Summary

- **Front-End Development:** HTML, CSS, JavaScript, TypeScript, React.js
- **Back-End Development:** Node.js, Express.js
- **Cloud & DevOps:** AWS (EC2, SES, S3), Docker, CI/CD Pipelines (GitHub Actions)
- **Databases:** PostgreSQL, MongoDB
- **Tools & Technologies:** GitHub, VS Code, RESTful APIs, JWT Authentication, JEST(unit Tests)
- **Programming & Concepts:** C++, Data Structures & Algorithms, Object-Oriented Programming (OOPS)

Projects

WebAnalytics App::

React.js | Node.js | Express.js | MongoDB

- Built a **Google Analytics-like web app** for real-time user tracking and insights.
- Designed **interactive dashboards** with data visualization to analyze user behavior effectively.
- Integrated **custom event tracking and reporting** to enhance data-driven decision-making.

RAG-Document-System:

React.js | FastAPI | PostgreSQL | Langchain

- Developed a **full-stack document management system** using FastAPI, React.js, PostgreSQL, and LangChain.
- Integrated **RAG agents** for contextual question answering and advanced NLP processing, utilizing unstructured.io for efficient document parsing.
- Implemented secure session-based authentication and optimized the system for high performance and scalability.

TaskBoard:

React.js | Node.js | Express.js | MongoDB | JWT

- Developed a **full-stack task management** system using React.js, Node.js, Express.js, and MongoDB.
- Implemented features for task creation, editing, status updates, and deletion with a secure JWT-based authentication mechanism, ensuring seamless user experience and data security.
- Designed an intuitive user interface for efficient task organization, improving productivity and user experience.