Nitesh Kumar Sharma

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Software Engineer with 4+ years of experience building high scale products in the Consumer Internet and Edtech space. Skilled in designing and implementing distributed systems.

WORK EXPERIENCE

GOGUARDIAN, India - Software Engineer II   *April 2024 – present*
→ Secured a **$495K** deal by streamlining district and state data onboarding, enabling zipped CSV uploads via SFTP on S3, leveraging **AWS Lambda** for efficient preprocessing, JSON conversion, and database ingestion of large-scale data.
→ Developed code to support **full sync** and **delta sync** ensuring efficient data synchronization and seamless handling of updates across systems.
→ Developed the **AI-powered Rubric Generator and Grader** integrating **OpenAI** for rubric generation and feedback, with controls to avoid redundant processing and ensure smooth user interaction.
→ Addressed **AWS SQS timeouts**, **optimized error handling** and **memory utilization** in large dataset imports.
→ Implemented authentication, authorization, and **SSO flows**, including building **custom SSO** solutions for third-party integrations.
→ Led cross-functional collaboration, including code reviews, paired programming, and mentoring team members, ensuring knowledge transfer and quality assurance.

GOGUARDIAN, India - Software Engineer I   *May 2021 – April 2024*
→ Improved **subscription** module with renewal flows, fixed credit card issues, ensured accurate pricing, enhanced cart functionality, prioritized premium products and integrated AI Suite add-ons for advanced features.
→ Developed **Custom Reports Dashboard**, including **query builders**, chart/table interfaces, and dynamic axes configurations.
→ **Optimized system performance** by improving Clever Delta Sync to prevent timeouts
→ Developed internal tools for application administrators, implemented branding updates across the application interface and created dynamic banners for enhanced user engagement.
→ Implemented Firebase for asynchronous communication to handle long-running processes, ensuring real-time updates and improved user experience during extended operations.
→ Led migration to Google Identity Services **(GIS)**, ensuring OAuth and API flows were compliant
→ Resolved critical UI/UX issues including table misalignment, pagination bugs, and system freezing.
→ Built robust APIs and UI components for **auto-assign** rules, feedback systems, and subscription management.

INTERNSHIP

RAW ENGINEERING, India – Consultant   *Oct 2020 – Nov 2020*
→ Developed web pages using **React** with **Content Management System (CMS)** integration.
→ Implemented **Redux** for state management and **Adapter Pattern** with **Node.js** backend.

SAHU WEB TECHNOLOGIES, India – Full Stack Developer Intern   *Dec 2019 – Jan 2020*
→ Created dynamic interfaces using **HTML**, **CSS**, and **JavaScript** for frontend.
→ Built backend systems using **Node.js**, **EJS templating**, and **MongoDB** database.

TECHNICAL SKILLS

Languages: Java, HTML, CSS, JavaScript, TypeScript, SQL (MySQL), NoSQL (MongoDB)
Framework/library: React, Redux, Redux-Saga, Styled Components, Ant Design, Node.js, Express, Firebase, JEST, Serverless, OpenAI API
Cloud & DevOps: AWS (Lambda, CloudWatch, S3, SQS), Redis, Redshift, ElasticSearch, Git, GitHub
Tools & platform: Kibana, Postman, Swagger, VS Code, Webpack
IT Constructs: Data Structure and Algorithm, OOPS, DBMS

EDUCATION

St. John College of Engineering & Management - B.E (Information Technology)   *June 2017 – June 2021*
→ CGPA: 9.45/10

AWARDS & ACHIEVEMENTS

Won a hackathon by developing an AI-powered Rubric Grader, integrating OpenAI for automated rubric generation and feedback management, with seamless user workflows and controls to prevent redundant processing.