FULLSTACK ECOMMERCE DEVELOPER

SkillNet Solutions India Pvt. Ltd.

SUMMARY

Rakshit has 5**+ years** of experience as a full-**stack developer** specializing in **React.js, Node.js, and Express.js**.

Strong proficiency in E-commerce platforms – VTEX, Mirakl, Spryker and Spartacus, with hands-on experience in headless implementations, integrations, and micro frontend development.

Coursera ML Specialization certified and adept at implementing machine learning and deep learning algorithms to build robust applications.

2 years of experience in developing AI applications utilising tool-calling, RAG functionalities, MCP framework using Gemini and ChatGPT APIs.

Strong expertise in **UI development**, building interactive and scalable web applications.

Proficient in modern frontend frameworks like **React.js, Redux, and Next.js**.

Hands-on experience with backend development using Python, **Node.js and Express.js**.

Expertise in developing **RESTful APIs** with **Node.js** and GraphQL queries, mutations & resolvers for seamless data communication.

Skilled in integrating third-party services, including payment gateways and ERP solutions.

Experience in cloud platforms, VTEX, Mirakl, and SAP integrations.

Adept at working in Agile environments with a focus on performance optimisation and Core Web Vitals.

Passionate about delivering clean, efficient, and maintainable code for scalable applications.

SKILLS INVENTORY

Web Technologies

JavaScript, TypeScript, **React.js, Redux, Next.js**, Angular, Tailwind CSS, Tachyon CSS, Bootstrap, CSS Material UI.

Backend Technologies

Node.js, Express.js, Python.

Python Libraries

TensorFlow, scikit, matplotlib, Langchain, pandas, NumPy, sklearn, google.generativeai, OpenAI.

Database

GraphQL, RESTful APIs, SAP Integration, PostgreSQL

E-commerce Platform

VTEX, Mirakl, Spryker, Spartacus

Web Services

JSON, Rest API, Queries, Mutations

Tools

Git, Bit Bucket, Jira, Postman, Strapi CMS, NPM(package management),

GitHub (version management).

PROFESSIONAL EXPERIENCE

SkillNet Inc (January 2023 – Present)

Project: SkinHealth B2B

Project Details – Handle and manage VTEX platform and integrations, develop Digital Payment Integration with SAP

Roles and Responsibilities

- VTEX **Frontend Developer, back-end developer,** VTEX and SAP integration design and implementation.

- Developed **5+ Node.js BFF APIs** for order management and payment status updates.
- Managed the VTEX platform and consulted teams on integration solutions.
- Designed and implemented digital payment integration using SAP Hana.
- Developed custom **services with Express.js** and implemented order hooks.
- Integrated Stripe **payment solutions** with VTEX and SAP Hana using **Node.js**.
- Managed VTEX environment initialization and enablement.

Technologies: Typescript, **NodeJS, ReactJS,** VTEX IO, VTEX Framework, GraphQL.

Project: Partner Perks

Project Details - Leading and running workshops for the client to onboard onto Mirakl, developing Mirakl Connectors with SAP, running workshops for seller onboarding, and enabling the team and client on Mirakl.

Role and Responsibilities:

- Mirakl Consultant, Seller Onboarding, Mirakl Connectors, Environment Readiness, Teaching and enabling the Client on Mirakl
- Led workshops for Mirakl onboarding and training clients on platform capabilities.
- Developed Mirakl-SAP payment confirmation connectors.
- Assisted in environment migration and readiness.
- Facilitated seller onboarding workshops for better platform adoption.

Technologies: Java, Mirakl, SAP CC

Project: Radius B2B

Project Details - Develop **frontend components**, interceptors, and set up interactive **states globally using Redux.**

Role and Responsibilities:

- **Frontend Developer**
- Developed **custom frontend components** using Angular, Spartacus, and **RXJS**.

- Migrated **15+ components** from standard CSS to Tailwind CSS.
- Led **Angular.js training sessions** for internal teams.
- Implemented HTTP interceptors to enhance API communications.

Technologies: HTML, Tailwind CSS, JavaScript, NGRX, RXJS, Angular, Spartacus.

Project: Product Content Generator (GenAI Hackathon)

Project Details – Built a full-stack GenAI-based platform that enables real-time prompt testing, evaluation, and collaboration for AI developers during hackathons.

Role and Responsibilities:
• Developed a dynamic front-end using Next.js and Tailwind CSS for interactive GenAI prompt workflows.
• Integrated **OpenAI GPT models** and **LangChain** for context-driven responses and RAG (Retrieval-Augmented Generation).
• Implemented server-side routes to manage multi-user chat sessions and model evaluation results.
• Optimised API calls and caching layers to reduce latency and cost during high traffic loads.
• Collaborated in a team of 4 to deliver a working MVP within 48 hours.

Technologies: Next.js, Tailwind CSS, OpenAI API, LangChain, Python, Node.js

Project: GRE-RAG AI Assistant

Project Details – Designed an AI-based GRE preparation assistant leveraging Retrieval-Augmented Generation (RAG) to provide context-aware study material and question analysis.

Role and Responsibilities:
• Developed document ingestion and vectorisation pipeline using **FAISS** and **LangChain**.
• Built an intelligent query system that retrieves relevant GRE study notes and questions in real time.
• Integrated **OpenAI GPT-4** for adaptive answer explanations and analytical feedback.
• Implemented a local data management system ensuring privacy and offline usability.
• Tested and deployed the model locally for improved latency and scalability.

Technologies: Python, LangChain, FAISS, OpenAI GPT-4.

Project: Malware URL Detection System

Project Details – Developed a machine learning pipeline for detecting malicious URLs (phishing, malware, defacement, and benign) using feature engineering and classification models.

Role and Responsibilities:
• Designed and implemented feature extraction logic using Python (regex, URL parsing, and TLD analysis).
• Engineered 20+ custom features, including URL length, IP presence, and domain-level statistics.
• Trained and evaluated Random Forest, Logistic Regression, and Neural Network models on 650K+ samples, achieving **96.6% accuracy**.
• Visualised insights and feature importances using Seaborn and Matplotlib.
• Developed an end-to-end prediction function to classify new URLs in real time.

Technologies: Python, Pandas, NumPy, Scikit-learn, TensorFlow, Matplotlib, Seaborn

Project Details - Leading and running workshops for the client to onboard onto Mirakl, developing Mirakl Connectors with SAP, running workshops for seller onboarding, and enabling the team and client on Mirakl.

Role and Responsibilities:

- Mirakl Consultant, Seller Onboarding, Mirakl Connectors, Environment Readiness, Teaching and enabling the Client on Mirakl
- Led workshops for Mirakl onboarding and training clients on platform capabilities.
- Developed Mirakl-SAP payment confirmation connectors.
- Assisted in environment migration and readiness.
- Facilitated seller onboarding workshops for better platform adoption.

Technologies: Java, Mirakl, SAP CC

DMINC (Jan 2021 – 2022)

Project: OnlineMetals B2B

Project details - Leading and running workshops for the client to onboard onto

Mirakl. Helping to bridge the gap between SAP CC, Mirakl and ERP Systems.

Role and Responsibilities:

- Mirakl Consultant, Integration design and implementation for catalogue, Order, Credit limits, Business Customer flow from Eniteo ERP and SAP CC using SAP PIPO
- Designed and implemented integration solutions for catalogue, order, credit limits, and business customer flow between Eniteo ERP, SAP CC, and Mirakl.
- Drafted solution architecture documents, payment workflows, and integration specifications.
- Led workshops and provided Mirakl platform training for business analysts and development teams.
- Guided clients in SAP-Mirakl connector implementation and API integration.

Technologies: Mirakl, Postman, SAP CC, VTEX, Hyperwallet

Project: Pitstop USA B2C

Project details - VTEX natively doesn't provide support for Category or Brand landing pages. I developed a custom application that helps the user to navigate the commerce in a more effective, composed, clutter-free way.

Role and Responsibilities:

- Lead **FrontEnd Developer and Web App design.**
- Designed UI/UX using custom VTEX **React components** and data schema definitions.
- Implemented **Redux for efficient state management**.
- Developed a custom **React.js Admin application** to upload data using Excel sheets.
- Customers could browse or shop for products by category or brands that followed the hierarchy defined in CMS.
- Analyzed the application for **better CWVs**. Implemented **lazy loading and caching.**
- Designed and documented **testing scripts**; executed testing of base and custom functionality of the product.

Technologies: Typescript, **NodeJS, ReactJS, CSS3,** VTEX IO, VTEX Framework, GraphQL, Redux.

Project: VTEX + EXTERNAL ERP INTEGRATION

Project details - A middleware application for seamless communication and data

transfer between VTEX Marketplace and SAP ERP for order and order status updates.

Role and Responsibilities:
- Worked as **Full Stack Developer**.
- Lead the functional team to overcome the hurdles and design the solution. Designed the **React JS Middleware** to flow catalogue data from multiple ERP systems into VTEX.
- Implemented Webhook integration with a **custom Node.js service** using VTEX trigger to sync changes automatically.
- Built **RESTful APIs using Node.js** and GraphQL.
- Made use of an **In-memory cache** to temporarily store ERP data.
- Implemented Object Transformation Service to map ERP data schema to VTEX data

Technologies: Typescript, **NodeJS, ReactJS,** VTEX IO, VTEX Framework, GraphQL.

Project: SportRX B2C Site Implementation

Project details – Developed Several Custom React Apps and Design for Required apps and Integrations

Role and Responsibilities:
- **Frontend UI Developer.**
- Prescription Upload - Developed a custom React.js VTEX application. The main function of the app was to allow customers to upload their eye-lens prescriptions using VTEX frontend to an AWS bucket. The operator could then see the prescriptions using the **Node.js back-office custom application** that I developed.
- Content Block: Designed and developed a content block application using React and GraphQL that dynamically fetches the Hero image and content depending on the PLP, CLP or BLP.
- Traditional Category and Brand Landing Pages: Attached Images with categories using Master Data.
- Developed custom **REST APIs** for the upload and fetching of data.

Technologies: Typescript, **NodeJS, ReactJS,** VTEX IO, VTEX Framework, GraphQL.

Gravicom (July 2020 – Dec 2020)

Project: eProcurement System

Project details – Developed an enterprise-class E-procurement solution designed for the Pragati Group.

Role and Responsibilities:
- Full-stack Developer.
- Developed **nine master screens** and a User Permission module that was developed using **ReactJS** and Python for the backend.
- The other **Custom React Components** included requisition, requisition approval, sanctions, sanction approval up to new levels, and generation of purchase orders (P.O.) from sanctioned requisitions.
- Implemented **Redux store** and **caching** to manage session data.
- Automated fetching of data from the master screens and sufficient flexibility to quickly create a new master.
- The user can define the roles and responsibilities of the employees of the organisation, according to which they could carry out certain actions.

Technologies: HTML5, CSS, Bootstrap, React.js, Python.

EDUCATION

B. Tech from Indraprastha University, Delhi