

Pankaj Bhayare

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I am a **Fullstack Developer** and have been delivering data-driven applications for **3+ years**, using mainly **React** and **Node**, in the domain of **ESG Investment, Insurance and Procurement Management**, operating in an *agile environment* and *actively engaging in code reviews*. My goal is to continuously learn and grow, aiming to create reliable software solutions.

🧠 SKILLS

Frontend Development — JavaScript | React | Redux | Next.js | Highcharts | Plotly | React Charts | KendoUI | Prime React | Material UI | Bootstrap | HTML 5 | CSS 3 | Sass

Backend Development — Node.js | Express | TypeScript | Rest API | MongoDB | MySQL

Development Practices — Agile | CI/CD (Github Actions) | Prototyping | Code Reviews | Version control (Github) | Pair programming

🏆 AWARDS

Winner in Hackathon, Masai School, Bengaluru

Jul 2020

RateFlix - IMDb and RT ratings on Netflix

Built a Netflix Extension for Chrome, which allows you to get IMDB and Rotten Tomatoes Rating directly on the Netflix platform.

📁 PROFESSIONAL EXPERIENCE

Software Developer, SOOTHSAYER ANALYTICS 📍

Sep 2020 – Present | India

Generative AI RAG Model Application

An application for generating responses to queries related to and beyond the private pool of documentation of the organisation, for ease of access to information for people across all departments.

- Enhanced user experience by continuously generating responses to user queries from server data chunks, using *Server-Side Events (SSE)*, without page refreshes.
- Enhanced communication efficiency by enabling users to export and distribute chat conversations easily through *capturing chat history, formatting content, and generating downloadable PDFs*.
- Designed and built a dashboard to foster collaboration between subject matter experts (SMEs) and developers for improving the accuracy of RAG model, based on *RAGAS score generated against CSV files uploaded by SMEs*, containing questions and ground truth responses.

Procurement Application Suite

A comprehensive procurement suite for a leading petrochemical company, to *optimise their supply chain and procurement strategy*. This suite included three web applications: Maintenance, Repair, and Operations (MRO), Supplier Management (SM), and Demand & Price Prediction (DPP), which visualised manufacturing insights for end-users.

- *Led the front-end development* for MRO, SM, and DPP applications using *Telerik Kendo UI for data visualisation and HighChartsJS for interactive reporting*.
- Ensured seamless *backend integration for ML-driven insights*, including API development in Node.js, data handling with MongoDB and real-time data updates with Web sockets.
- *MRO enhanced procurement efficiency by 15%*, *DPP reduced operational costs by 8%*, and *SM increased productivity of ~206 person days savings per year*, translating into significant savings and improved data-driven decisions.

ESG Insights Dashboard

An intuitive *dashboard visualising ESG* (Environment, Social, and Governance) insights, enabling companies to assess their compliance with these standards, *reducing time spent on ESG compliance assessment by ~30%*.

- *Increased user engagement by 45%* due to improved data visualisation of complex ESG data and responsive user interface. This was achieved by employing tools like Material-UI to build a dynamic and responsive user interface and, Plotly for interactive charts.
- Implemented data aggregation and transformation logic on the server side with Node.js and MongoDB, to *prepare the ESG data for visualisation*.

Underwriting Simplified

A one-stop centralised UI for an insurance company, to *search various sources for critical underwriting information*, based on common underwriter inputs, including business name, address and/or others, *enhancing user satisfaction by 60%*.

- Implemented logic to aggregate and normalise data from different sources like *Google, Yelp, Facebook, and other platforms*, ensuring that the information presented to the underwriters is comprehensive and easy to interpret.
- Integrated the *Google Maps Street View API* to visually represent business locations and verify business addresses. This provided underwriters with a clear and accurate depiction of the physical premises.

🎓 EDUCATION

Fullstack Developer Course, Masai School 📍

Jan 2020 – Aug 2020 | Bengaluru, India

- Gained proficiency in web development using *React, Redux, jQuery* and *Bootstrap*.
- Hands-on experience with backend technology using *Node.js, Express* and *MongoDB*
- Developed more than 10 projects using Vanilla JavaScript.
- Effectuated 1200+ hours of coding, along with 100+ hours of problem solving.
- Completed more than 100 hours of soft skill training

Integrated Master of Science in Applied

Mathematics, National Institute of Technology 📍

2012 – 2017 | Surat, India

CGPA : 6.40