

RAHUL KUMAR

Senior Member Technical

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PROFESSIONAL SUMMARY

Experienced developer with 7 years of hands-on expertise in web-based projects, specializing in ReactJS frontend development and full-stack applications. Adept at delivering high-quality code, improving application performance, and creating customized interfaces with a focus on accessibility, scalability, and security. Skilled in JavaScript, Python, Node.js, and version control systems, with a proven track record of meeting deadlines and promoting best practices. Strong experience in system optimization, debugging, and mentoring junior developers. Proficient in REST API development, state management tools, and agile methodologies, with a passion for delivering impactful results in collaborative team environments.

TECHNICAL SKILLS

Programming Languages: JavaScript, Python

Frameworks: Express.js, TanStack, Zustand, Tailwind CSS, Bootstrap

Frontend: ReactJS

Backend: Node.js

Tools: GitHub, Azure Fundamentals

Databases: PostgreSQL, SQLite, SQL Server

Methodologies: Agile

Library: Zod

Others: REST API Development, ORM (Sequelize, SQLAlchemy), FastAPI

PROFESSIONAL EXPERIENCE (7+ Years)

Senior Member Technical | Sep 2023 - Present

Broadridge | Bengaluru

- Developed a **full-stack web application** enabling users to upload Excel/CSV files and extract metadata.
- Improved **data processing efficiency** by 10% using Python-based backend interfacing with SAIS API (internal GPT-like model).
- Designed a **dynamic UI** using React to facilitate natural language queries for uploaded data.
- Enhanced **user satisfaction** by 20% through intuitive conversational prompts and tabular responses.
- Implemented **data visualizations** including charts and summaries driven by metadata responses.
- Reduced **time-to-insight** by 30% for analytical operations.
- Built a platform to tokenize traditional assets (stocks, bonds, etc.) into digital tokens.
- Ensured **99.9% uptime** for asset issuance and transfer using Solidity smart contracts.
- Developed configurable UI screens using **React + Zustand + TanStack**, adhering to MVC architecture.
- Improved **development speed** by 20% with reusable components and schema validation via Zod.
- Reduced **application load times** by 35% by optimizing React components and implementing code-splitting techniques.
- Mentored junior developers on **React best practices**, fostering a collaborative learning environment.
- Increased **team productivity** by 15% through knowledge-sharing sessions.

Technologies Used: ReactJS, Zustand, TanStack, Node.js, Express.js, PostgreSQL, Solidity, Python

Lead Software Engineer | Mar 2023 - Aug 2023

Persistent Systems | Bengaluru

- Mentored junior developers on coding best practices and provided training on **Redux, Node.js, and version control systems**.
- Improved **team efficiency through structured training sessions**.

Technologies Used: ReactJS, Redux, Node.js

ReactJS Front End Developer | Feb 2021 - Mar 2023

Tata Consultancy Services Limited | Bengaluru

- Built **reusable UI components** using React, Hooks, and Redux, enhancing development efficiency.
- Reduced **development timelines** by 25% through modular design.
- Enhanced web application performance using **code splitting, lazy loading**, and caching techniques.
- Improved **page load speed** by boosting user engagement.
- Conducted comprehensive testing using Jest and React Testing Library.
- Reduced **bugs** by 50%, ensuring high-quality code delivery.
- Managed **user authentication and authorization** using React Router and Redux.
- Improved **application security** by 30% with seamless integration.

Technologies Used: ReactJS, Redux, React Router, Jest, Parcel

SSIS Developer | Jan 2019 - Jan 2021

Tata Consultancy Services Limited | Bengaluru

- Created **ETL pipelines** using SSIS for data warehouse loading and analysis.
- Improved **data processing speed** through optimized SQL queries.
- Integrated various data sources into a unified reporting environment.
- Streamlined **business intelligence access** by enabling faster decision-making.

Technologies Used: SSIS, SQL Server

Trainee | Jul 2018 - Jan 2019

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- Received training on **Web Technology, Machine Learning, Web Scraping, AR/VR**, and Agile methodologies.
- Gained foundational knowledge, enabling seamless transition to professional roles.

Technologies Used: Web Technology, Machine Learning, Agile

PROJECTS

Full-Stack Web Application for Metadata Extraction | Broadridge

Developed a web application to process Excel/CSV files and extract metadata, enabling natural language querying.

- Built **dynamic UI** using ReactJS and backend with Python-based SAIS API integration.
- Implemented **data visualizations** to enhance analytical insights.

Asset Tokenization Platform | Broadridge

Designed a platform to tokenize traditional assets into digital tokens using Solidity smart contracts.

- Developed **scalable UI screens** with React + Zustand + TanStack following MVC architecture.
- Integrated **ERC-20 compliant smart contracts** for secure asset issuance and transfer.

EDUCATION

Master of Computer Applications | JUL 2021

Bachelor of Computer Applications | JUL 2018

Babasaheb Bhimrao Ambedkar Bihar University | Muzaffarpur

12th | MAY 2014

CBSE | Muzaffarpur

10th | MAY 2012

CBSE | Muzaffarpur

CERTIFICATIONS

- Microsoft Certified: Azure Data Fundamentals
- Microsoft Azure Fundamental
- HackerRank JavaScript Basic
- HackerRank React Basic
- Certificate of BEC Preliminary by Cambridge English Language Assessment
- Certificate of Completion in Software Engineering Industrial Practice Micro-Degree by TCS