Sumeet Rohra

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EXPERIENCE

Kognitos, *Member of Technical Society (Remote)*

Jan 2023 2020 - Present

Kognitos is an AI-native automation platform enabling enterprise workflow orchestration using English-as-Code.

V2 Platform Rewrite (Frontend Architecture Owner)

Led frontend architecture for full platform rewrite across a 35-engineer team.

- Rebuilt entire frontend from scratch (framework, libraries, folder architecture, design system, state boundaries)
- Designed LLM-ready architecture; authored ~20 AI rules enabling structured AI-assisted development
- Migrated 3 years of legacy product (V1) to V2 in ~2 months
- Reduced page load time from 10–15s → ~0.5s
- Owned automation invocation & execution UX layer
- Contributed to major automation execution speed improvements (minutes → near-instant in many cases)
- Mentored 2 engineers during rewrite

Browser-Based Automation System (UI Architecture Owner)

Enabled real-time AI agent browser automation capabilities.

- Designed UI architecture for browser execution (browser state, tasks, credentials, logs)
- Introduced new fact types and real-time execution views
- Integrated streaming backend state into deterministic UI rendering
- Directly enabled $200K ARR enterprise deal, later expanded to $500K ARR

Automation Testing Infrastructure (Project Owner)

Built internal automation validation system from MVP to production.

- Architected and implemented solo MVP; later productionized with backend team
- Designed 1-click automation validation using hash-based line integrity checks
- Reduced manual validation from 20–30 runs → single-click test (~1 min)
- Supported automations exceeding 1000+ lines (including nested calls)
- Reduced regression risk during demos and pre-sales

Automation Lifecycle (Draft/Publish Governance) – Frontend Architecture Owner

Designed production-safety lifecycle for all customer automations.

- Led 5–6 engineer cross-functional project as frontend architecture owner
- Built full draft vs publish state model across UI
- Implemented isolation for triggers, credentials, and exception learnings
- Enabled safe testing without impacting production

- Reduced production incidents and bad publishes
- Rolled out via feature flags; migrated 100% customers

Knowledge Graph Refactor (Sole FE Owner)

Re–architected complex fact rendering system.

- Designed reusable data–fetching abstraction (custom hook architecture)
- Separated rendering logic from data resolution
- Converted 10–15 fact types into plug–and–play components
- Reduced new feature dev time from ~1 month → hours
- Improved stability and reduced UI bug frequency

Automation Editor Refactor (Sole FE Owner)

Refactored core automation editing experience during MVP stage.

- Rebuilt editor surface using improved UI architecture
- Improved performance by ~20%
- Enabled 3–4 Solution Engineers to reliably build automations
- Contributed to early customer expansion (1 → 2–3 customers)

Alchemy, *Ambassador*

May 2023 - Dec 2023

[Alchemy](#) is a pioneering blockchain developer platform that offers a robust infrastructure to build impactful blockchain applications. As an Alchemy Ambassador, my role is to volunteer and offer my expertise to aid the growth of the Alchemy community. I serve as a troubleshooter, mentor, and guide for Web3, significantly contributing to the evolution of Web3 communities.

Here's how I've made a difference:

- Built a create–web3–dapp component that shows a user's portfolio across different blockchains. All any developer has to do is just import the component Here's the GitHub URL: https://github.com/sumeetrohra/create–web3–dapp–portfolio
- Gave talks about ChatGPT, teaching students how to use AI for tasks like writing cover letters. This gave students new tools to help them in their job searches.
- Regularly help students when they're stuck on programming problems and performance.

FlexTrade, *Lead Frontend Engineer (Remote)*

Mar 2022 - Jan 2023

[Flextrade](#) is the industry pioneer and global leader in broker–neutral, execution and order management trading systems for equities, foreign exchange, options, futures and fixed–income securities.

I work as a Lead Frontend Engineer at FlexTrade, helping them create a browser solution for their product FlexNow, a multi–asset broker–neutral execution management system, for clients like various hedge funds, PMSs, family funds, etc, processing millions of dollars worth of assets at any given time.

- Started the product from scratch keeping performance in mind
- Created a design system with reusable components to be used across multiple upcoming projects
- Created a polling setup on the client–side to have near real–time updates
- Built a completely reusable Data table component from scratch which takes data, column definition and context menu config and gives a table which can sort, filter, create context menus and can manipulate orders based on the config files. Inspired by react–table.
- Integrated market data support for crypto/USD pairs with polygon.io as the data provider

- Added support to send orders to multiple brokers

Proximity Labs, *Senior Software Development Engineer (Remote)*

Jan 2020 - Mar 2022

[Proximity Labs](#) is a global team of coders, designers, PMs, and experts including former successful startup founders. We specialize in tackling Performance, UX & Scalability challenges for growth-stage and enterprise companies. I was working with [ESPNCricinfo](#), one of the first clients, helping them migrate their legacy Cricinfo site to a newer stack with NextJs at a scale of millions of concurrent users.

- Took total ownership of migrating various pages and modules from the legacy app
- Made performance improvements by reducing the total build size by 40kbs
- Contributed to the business by adding a new page showing the playing XI for the match, which ended up becoming the most-viewed page the day it was launched
- Added internationalization with Hindi language to half the app
- Made various components in the new design system for the whole suite of upcoming Cricinfo projects

Self Employed, *Freelancer*

February 2019 - Jan 2020

Crim – [ios](#) | [Android](#) – A Facial Recognition app for identifying criminals

- Developed a cross-platform UI with React Native Expo
- Integrated Login and Image storage with Firebase
- Integrated Facial Recognition with Azure cognitive services

Laboratory Inventory Mgt. – **Raspberry Pi** – An RFID based inventory management system for college Laboratories.

- Integrated RFID detector with Arduino and accessed with Python
- Integrated MySql DB for Inventory and Timestamps
- Developed UI in Python TKinter

StudyLeague IT Solutions, *Python Trainer*

March 2018 - March 2019

[StudyLeague IT Solutions](#) is a service company that also provides training and internship programs to college students

- Provided training and mentorship for Python internships
- Worked closely with founders to improve and introduce new technologies and trained a couple of trainers as well
- Provided React Native training to one batch of interns
- Gave a couple of workshops on Python in various colleges
- Gave seminars on Blockchain

Reliance Jio Infocomm Ltd., *Assistant Manager*

August 2018 - February 2019

[Reliance Jio Infocomm Limited](#) is India's biggest telecommunications company.

- Worked with Jio Bond team to test and improve the whole suite of Jio services and apps
- Found and reported major bugs in Jio fibre and media apps
- Managed a team of 8 manual QA testers

React Native Stack Navigator – *npm* – Navigation solution for React Native

For an app that uses a basic stack, navigator react-navigation is a bloated package, and there is no simple solution to maintain the history and navigate. That is why I created rn-stack-navigator as a really small package to use stack navigation when there's no requirement for bloated dependencies.

- A Simple solution for stack navigation to be used when there's no complex requirement
- Uses react hooks and state to store history
- Unpacked size of 7.3kb
- Easy to use API

SKILLS

Languages: JavaScript, Python, TypeScript
Frontend Frameworks: React, Redux, Bootstrap
Backend Frameworks: Express, Flask, Graphql-yoga
Databases: MySql, MongoDB, DynamoDB, PostgreSQL
Cloud Services: AWS (AWS Amplify, Cognito, S3, IVS, Elemental Media Services, Lambda, Elasticache, API gateway), Azure (Cognitive services), Firebase (Realtime Database, Authentication, Storage, functions)
Mobile App Development: React Native, Expo, Ionic, Capacitor
Tooling: Netlify, Zeit, TDD

EDUCATION

Solidity Developer, Ethereum Bootcamp
Chainshot
Apr 2022 – Jun 2022
Engineering Fellow
Pesto
July 2019 – October 2019
Bachelor of Engineering in Computer Science
Mumbai University
July 2014 – June 2018
Certified Ethical Hacker
EC-Council
August 2016 – September 2016