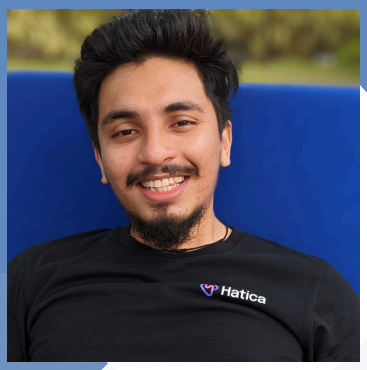


Rishabh Singh

Software Engineer

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Codechef: showtim3

About Me

I am a full-stack software engineer having more than 5 YOE, and I have worked with a lot of web technologies and frameworks with major expertise on react/node/python. I am a passionate Open Source Contributor and I have a thorough understanding of a lot of Algorithms and Data Structures. I have done some competitive programmer and have reached 3 stars on Codechef.

Skills

Frontend: React, Nextjs, Angular, Tailwind, Typescript, HTML, CSS, SCSS, Javascript, Bootstrap, Material UI.

Backend: Nodejs, Python, Graphql, Hasura, SQL/NoSql, MongoDB, Postgres, Docker, REST API, Firebase, FastAPI

Testing: Chai, mocha, karma, PlayWright, Cypress

VSC: git, Github, Gitlab, gerrit, Bitbucket

Cloud: AWS, GCP

AI: RAG, LLMs, Prompt Engineering

Miscellaneous: CI/CD, Linux, vite, chrome devtools

Education

Btech, Computer Science and Engineering 2016-2020

AIACTR, IP University

Experience

ComputerChacha, CTO/Co-Founder Dec 2025 - Aug 2026

- Researched, created, and developed an attractive e-commerce marketplace for individual PC parts and assembled CPUS.
- Used Nextjs, ShadCn, vercel, lazy loading, skeleton loaders, layout flashes, fixed routing.
- Owned the whole tech part from coding to shipping, used GoDoddy.
- Integrated Google Analytics, github actions.

Senior Software Engineer - Brightedge Sep 2025-Nov 2025

- Enhanced an Autopilot SDK that renders AI-generated link blocks to boost SEO performance across customer websites.
- Led the end-to-end development of a new CDN integration project with Cloudflare to accurately track traffic originating from AI sources (ChatGPT, Gemini, etc.) across the stack.
- Built a micro-frontend multistep screens for the CDN integration from Figma and a python backend to setup Cloudflare workers, validate the API key and save to the Brightedge SQL db.
- Designed a containerized python FastAPI server to capture incoming Cloudflare request logs, forward them to BrightEdge callback endpoints, and automate FTP transfer to the data warehouse.

Founding Software Engineer - Hatica Aug 2020 - June 2025

Posium App

- Used AI agents and built an AI-driven testing platform that auto-discovers app tests, generates test cases, and schedules them.
- Integrated OpenRouter to allow chat interactions with multiple AI test agents.
- Developed a chat-based interface for managing tests using Next.js, Tailwind, better-auth, and shadcn/ui.

Hatica App

- Founding engineer, developed the whole frontend app initially along with my CTO. Led the frontend team(react, TS, graphql, tailwind), and managed a team of 4 people.
- Made process like github actions, pre push hooks, amplify builds to improve dev velocity.
- Implement auth using SuperTokens across the stack.
- Worked with api's, database, migrations in nodejs, hasura and the hatica core engine.

Member and collaborator, Google Summer of Code - Oppia Foundation (Opensource) Nov 2019 - Aug 2020

Technology: Angularjs, Angular, Html, Css, JavaScript, TypeScript, Python, Rest APIs, CircleCI, Travis.

- Redesigned all the editors of Oppia(the most core functionality of Oppia).
- Was involved in the testing/QA team, and hence wrote a lot of e2e(end to end) tests and made the codebase more secure.
- Was involved in the Angular team, and worked closely with AngularJs/Angular, and angularJs migration.
- Made about ~120 pull requests, and got promoted to be a full member.

Software Engineer Intern - BITCS March 2019 - April 2020

- Created a lot of products from scratch as well as worked on exisiting codebases.
- Created an internal invoice system to smoothen handling of payments, pdf gen etc.
- Created codersera.com from scratch using Angular. Since the team was small, did SEO, speed optimizations, SSR.
- Worked with peerplays.com as a full stack developer with React/Node with a team of 12 developers.

Projects

ComputerChacha.in

- Designed, developer and deployed a full-stack e-commerce platform for PC components and custom builds for a family-run business.
- Integrated Razorpay and PayU for online payments with EMI support.
- Migrated the frontend from React to Next.js to improve SEO and server-side rendering. Used supabase for db.

Car Rag App

- Tech Stack: Python, FastAPI, LangChain for RAG pipeline, PineCone Vector Database
- A **Retrieval-Augmented Generation (RAG) application** for car information. Users can ask questions about cars, and the app retrieves relevant information from a database and generates accurate responses using a language model.
- Used Sentence Transformers (all-MiniLM-L6-v2) for embeddings.

Publications

CSS- Using Grids to create layouts.

A blog on medium explaning how to use CSS Grids to create layouts for websites.

Google Summer of Code ’20 at Oppia Foundation

A blog on medium explaning the 3 month project that I did. It's very detailed and have screenshots and PR links.