

# Jatin Kumar

@jatin208015gmail.com — ☎ +91-8887982410 — 🌐 jatinkumar-me — in jatinkumar2000-me — 📍 Kanpur, India  
🌐 https://jatin-kumar-me.netlify.app/

Driven *Full Stack Developer*. Ready to elevate career in a fast-paced, (preferably user-facing) company — Adaptable and Driven to Learn, Grow, and Contribute.

## SKILLS

**Programming Languages** JavaScript, TypeScript, Go, MATLAB

**Markup Languages** HTML5, CSS3, Markdown, L<sup>A</sup>T<sub>E</sub>X

**Frameworks and Libraries** React.js, Express.js, Node.js, Redux Toolkit, RTK Query, React-router-dom, Material-UI, Chakra-UI, Mantine, Styled-Components, Socket.io

**Databases** MySQL, MongoDB

**Tools** Git/GitHub, VS-Code, Eclipse, Postman, GNU/Linux

## WORK EXPERIENCE

**Junior Software Engineer @ Beingtheparent.com**

*A rapidly growing online discovery platform for parents* *September 2023 – January 2024 | Bangalore (Onsite)*

**Technologies used:** JavaScript, TypeScript, Node.js, React.js, SQL, MongoDB

- Developed and maintained backend services using Node.js, TypeScript, and Express, ensuring high performance and scalability.
- Implemented notification services for various features of the app. Optimized database queries to boost app performance.
- Implemented user tracking and analytics API, leveraging data-driven insights to enhance decision-making processes and improve overall system performance.
- Implemented real-time chat features using Sockets, enhancing user experience.

## PERSONAL PROJECTS

**Discourse: an online discussion platform**

*React, Redux-Toolkit, RTK-Query, Chakra-UI, Node.js, Express.js, MongoDB*

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- Built fully responsive user interface with dark mode toggle with Chakra-UI along with an inbuilt rich text editor for adding styled text.
- Implemented functionalities like, upvote, downvote, comment and reply with optimistic updates for instant user feedback along with user authentication and authorization using B-crypt and JWT and form validation using Formik and Yup.

**Collective canvas**

*HTML5 Canvas API, TypeScript, WebSocket, Go*

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- Built a collaborative drawing platform from scratch by leveraging WebSocket and HTML5 Canvas API.
- Implemented WebSocket server using go standard library, that can handle multiple concurrent web-socket connections.
- Implemented various drawing tools like, pencil, rectangle, ellipse, flood-fill etc. along with undo-redo functionality.

**Go-LRU**

*Go*

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- Go-lru is a concurrent, expirable and thread(goroutine) safe implementation of LRU-Cache.
- Leveraged Go's CSP capabilities to implement non-blocking cache.

## EDUCATION

**Dr. BR Ambedkar National Institute of Technology Jalandhar**

*Bachelor of Technology, Mechanical Engineering*

Cumulative Grade Point Average — 7.09

*July 2018 — June 2022*

**Kendriya Vidyalaya No. 2, AFS Chakeri, Kanpur**

*Central Board of Secondary Education*

Grade — 83.80%

*2016 — 2017*

## COURSES AND CERTIFICATION

**The Complete Web Developer in 2021**

*Udemy, Course Instructor: Andrei Neagoie*

*November 2021 | Certificate* 📄

Built several frontend as well as full stack projects utilizing various web technologies like HTML, CSS, JavaScript, React, Redux, Node.js, Express.js and PostgreSQL.