# Jatin Kumar

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🌐 https://jatin-kumar-me.netlify.app/

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

## SKILLS

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

**Markup Languages**  HTML5, CSS3, Markdown, LaTeX

**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*　　　🔗 | </>

- 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 (under development)

*DOM Manipulation, TypeScript, WebSocket, Go*　　　</> </>

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

### Type-learn

*React, Redux-Toolkit, TypeScript*　　　🔗 | </>

- Built an intuitive user interface along with a virtual keyboard to highlights key presses.
- Implemented real time feedback on typing accuracy and incorrectly typed text.

## EDUCATION

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

*Bachelor of Technology, Mechanical Engineering*　　　*July 2018 — June 2022*
Cumulative Grade Point Average — 7.09

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

*Central Board of Secondary Education*　　　*2016 — 2017*
Grade — 83.80%

## 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.