

# Jatin Kumar

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I'm a self-taught *Full-stack web developer*, passionate about learning new technologies and building intuitive and interactive user interfaces. Currently seeking a challenging role at an organization that solves real world problems.

## SKILLS

**Programming Languages** JavaScript, TypeScript, Java

**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, Next.js

**Databases** MySQL, MongoDB, Redis

**Tools** Git, GitHub, VS-Code, Eclipse, Neo-vim, Postman, Linux

## 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.
- Implemented user profile customization with image compression for user uploaded images on the backend to improve performance and load time.

### Social-Book: full-stack social media app

*React, Redux-Toolkit, Material-UI, Node.js, Express.js, MongoDB*

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- Implemented User authentication and authorization using B-Crypt and JSON Web Token.
- Added features like comment, like, post, add/remove friend. Additionally, added caching of the state and JWT token on local storage using Redux-persist.

### Type-learn

*React, Redux-Toolkit, TypeScript*

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- 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.

### Exploding-kittens card game

*React, Redux-Toolkit, TypeScript, Node.js, Redis-OM, Express.js*

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- Exploding kittens is a simple web-based card game where user has to draw a card out of 5 randomly placed cards.
- Implemented a leader-board system that shows real time score updates of different players currently playing.

## 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.

## POSITIONS OF RESPONSIBILITY

### Student Head

*Society of Mechanical Engineers, NIT-Jalandhar*

*2021 — 2022*

Lead a team of 30+ members to organize various technical events for college's annual technical fest and worked as an Editor/Designer for bi-annual magazine, 'Mechazine'.