Jatin Kumar

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

SKILLS

Programming Languages Java, JavaScript, TypeScript, Go, MATLAB

Markup Languages HTML5, CSS3, Markdown, LaTeX

Frameworks and Libraries Angular, RxJs, React.js, Spring Boot, Express.js, Node.js, Redux Toolkit, Socket.io

Databases MySQL, MongoDB

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

WORK EXPERIENCE

Project Engineer @ Wipro

Technologies used: Java, Spring Boot, Angular, Microservices *October 2024 – Present | Hyderabad*

- Enhanced technical skills by completing online courses in Spring Boot and Angular to stay current with industry trends.
- Developed proof-of-concept (PoC) projects to explore potential solutions, demonstrating initiative and technical competence.

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.

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

HTML5 Canvas API, TypeScript, WebSocket, Go ⚭ | </> </>

- 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 ⚭ | </>

- 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 *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.