Ajit Behl

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SUMMARY

Full Stack Developer with 3+ years of experience designing scalable web applications using React, Node.js, and SQL. Built real-time event feeds with infinite scrolling and WebSocket integration, optimizing UX and data flow. Delivered production features end-to-end with 27% fewer re-renders and 90% automated test coverage.

SKILLS

- **Frontend**: React, JS, Redux, TypeScript, Tailwind CSS, Design Systems, HTML, CSS
- **Backend:** Node.js, Express, REST API, JWT Authentications
- **Databases**: PostgreSQL, MySQL, MongoDB
- **Tools and Testing:** Git, Jest (Unit Testing), Agile SDLC

WORK EXPERIENCE

Software Developer | Outline Systems   *Aug 2021 – Dec 2023*

- Led the design and development of a responsive, component-based **React UI** using **Tailwind CSS** and a structured design system to implement seamless cross-device compatibility, resulting in significantly improved scroll performance and **a 60–70% reduction in DOM node count** through **virtualization**.
- Used **Redux normalization** with **React.memo** and **React Hooks (e.g., useCallback, useMemo)** to optimize rendering logic, **achieving up to a 27% improvement** in UI responsiveness by minimizing unnecessary re-renders.
- Built and tested **RESTful APIs** using **Node.js** and **MySQL** stored procedures in collaboration with backend engineers to enhance data processing efficiency that improved query performance and response times.
- Used **Jest** for unit testing and integrated automated test suites into the **CI/CD pipeline** to implement continuous quality checks that **reduced manual QA time by up to 90%** and ensured reliable, production-ready builds.

Technologies leveraged: React.js, JavaScript, Node.js, MySQL, WebSocket, Tailwind CSS, Redux, Axios, Jest

EDUCATION

Post-Graduation Diploma in Web Development   **Toronto, Ontario**

Conestoga College, Milton   Graduated: April 2025

- **GPA**: 3.74 / 4.0
- **Concentration**: Front-End Development, API Integration, Web Performance Optimization
- **Relevant Coursework**: Advanced JavaScript, React, Node, Express, UI/UX Design, Database Management

Bachelor's in Computer Science

Maharaja Agrasen Institute of Technology (MAIT), India   Graduated: July 2022

- **GPA:** 8.78 / 10
- **Concentration:** Software Development, Data Structures & Algorithms, Web Technologies
- **Relevant Coursework:** Object-Oriented Programming, Database Systems, Network Security

PROJECTS

ProShop.com – E-Commerce Platform
- **Description:** A full-stack eCommerce application with admin & client panels, product management, and PayPal payment integration.
- **Tech Stack:** Django, React, AWS(S3), Redux, REST API, Tailwind CSS
- **GitHub:** https://github.com/aajax1211/proshop.com-django.git

Chit-Chat – Real-Time Chat Application
- **Description:** A real-time messaging app with file sharing, group creation, and WebSocket-based communication.
- **Tech Stack:** Node.js, Express, React, WebSocket, Zustand, Tailwind CSS, ShadCN, Socket.io
- **GitHub:** https://github.com/aajax1211/chit-chat-react-node.git

AWARDS & RECOGNITIONS

- Winner of National-Level Hackathon (2020) – Developed an innovative solution as part of a 5-member team.
- Participated in multiple internal hackathons, showcasing problem-solving and teamwork skills.