# Rohit

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## EDUCATION

**University of Wisconsin–Madison**                                                      **August 2023 - May 2025**
*Masters in Information Science,* **GPA-3.89/4**                                               *Madison, Wisconsin*

**Delhi Technological University**                                                       **August 2014 - July 2018**
*Bachelor of Technology (Engineering)* **GPA-8.00/10**                                              *Delhi, India*

## EXPERIENCE

**Space Science and Engineering Center**                                                 **June 2024 - Present**
*Front-End Software Developer*                                                               *Madison, Wisconsin*

- Developed a responsive React web application to visualize 15+ cryospheric products using MUI, React Router, MySQL, and PHP Slim, streamlining scientists' workflow with a clean user interface and optimized data retrieval.
- Integrated advanced filtering, pagination, and react image gallery for seamless viewing of 45+ product images, along with a download modal, tooltips, and a share feature to enhance user experience.
- Redesigned Global Cryosphere Watch website to improve collaboration among 10+ international agencies, leveraging a server-side rendered custom PHP theme, JavaScript, and Bootstrap to boost interactivity, accessibility, and SEO.
- Refactored custom plugins, optimized dynamic filters across 5+ tables, and implemented JavaScript-based download functionality for snow trackers, reducing bugs by 60%.

**The Information School**                                                               **October 2024 - December 2024**
*Graduate Teaching Assistant, Web Development*                                               *Madison, Wisconsin*

- Assisted and mentored 30+ students in the LIS-640 course, focusing on JavaScript, React.js, and WordPress concepts.

**Meesho**                                                                              **November 2021 - June 2023**
*Front-End Developer*                                                                        *Bengaluru, India*

- Developed a React survey tool for marketing team to survey 7 million users with Hook Form, JSON integration and Styled Components. Built custom components and multi-column layouts, increasing actionable user insights by 30%.
- Collaborated across teams to streamline repository integration, ensuring a bug-free production environment.
- Designed and engineered a scalable React Comments module with REST API integration in an agile environment for seamless buyer-supplier communication, improving user interaction by 40% and reducing response time by 25%.
- Optimized code quality by increasing test coverage to 90% with Jest and resolving linting issues before deployment.

**Blemacion Technologies**                                                              **July 2020 - October 2021**
*Software Engineer, Front-End*                                                               *Delhi, India*

- Developed CMS for a client managing 10,000+ users using JavaScript, jQuery, AJAX, and Tailwind CSS. Implemented blog management, webinar registration, and FAQs, increasing lead generation by 20% and profitability by 15%.
- Developed and integrated a React.js Demand Planning solution for supply chain operations, improving user experience, streamlining delivery processes, and increasing forecast accuracy by 18% with a user-centric approach.

**Blemacion Technologies**                                                              **July 2018 - June 2020**
*Associate Software Engineer*                                                                *Delhi, India*

- Engineered a Proposal Planning module for Supply Chain SaaS using React, Context API and Bootstrap library.
- Automated deployment with Git CI/CD pipeline, cutting manual effort by 70% and proposal approval rate by 30%.
- Led a team of 3 to develop a React-based SKU management interface for a logistics company, enabling dynamic SKU modification, advanced filtering, and business logic integration, improving inventory efficiency by 12%.

## TECHNICAL SKILLS

**Languages**: JavaScript (ES6+), TypeScript, Node.js, JavaScript Algorithms and Data Structures
**Web Technologies**: React.js, HTML5, CSS3, SASS/SCSS, Tailwind CSS, Bootstrap, RESTful APIs, GraphQL
**Developer Tools**: Vite, NPM, Babel, Webpack, Yarn, Git, GitHub, Jira, AWS Amplify, Azure, Docker, Netlify, Vercel
**Testing and Debugging**: Jest, React Testing Library, Cypress

## PROJECTS

- **Admin Panel Dashboard**: Implemented React Router for fluid navigation, pagination, and data organization in the admin panel. Integrated Recharts, MUI Data Table and DataGrid for dynamic area chart visualization.
- **BadgerChat**: Built a web and Android chat app with React Native and Expo, integrating REST APIs, Context API, and Wit.ai for chatbot responses. Added CRUD, pull-to-refresh, and React Navigation for seamless user experience.