

Abhishek Jha

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EXPERIENCE

Optum Global Solutions

Dec 2021 – Present

Software Engineer

Noida, India

- Developed responsive **web applications using TypeScript, React, React query, GraphQL, AntD and Styled Components**
- Collaborated with the backend team to **design, define, and implement GraphQL schemas, Java resolvers, and data models for optimized querying of data using elastic search** on different screens.
- Aided with the design, product and backend team to innovate, build, test, and improve the product using agile methodologies and tools such as Rally, Devstack
- Identified opportunities for bash based system automation and process improvement, **resulting in a 70% reduction in manual tasks and improved productivity.**

Appinventive Technologies

Aug 2021 – Nov 2021

Frontend Developer, Intern

Remote

- Created a Dashboard in Admin-los for **adding, editing, and deleting users while assigning roles and permissions.**
- Maintained a high level of test coverage by writing **unit tests with Jest and RTL** ensuring the **stability and reliability of the product**

PROJECTS

DataHub — Data Catalog and Governance System | Optum

March 2022

- Successfully reduced the median time to fill out the request forms **from than 15 minutes to 7-8 minutes.**
- Enhanced user navigation by implementing **streamlined filtering mechanisms that facilitated quick searches**, resulting in a significant reduction in user search time.
- Streamlined front-end integration with **GraphQL clients (Apollo Client, Relay), utilising resolvers** for real-time data transformation in a GraphQL-powered analytics dashboard, raising actionable insights by 20%.
- Revamped event handling via a **Python-based Notification Service using the Datahub Actions Framework**, ensuring compliance for 20+ event types.
- Accelerated page-speed by 18% **using Redux-Toolkit, optimising browser caching, and enhancing server response times.**
- Streamlined the deployment process by successfully implementing automated deployment through GitHub Actions, optimizing the release cycles and maintaining high efficiency

Datasets Framework | Optum

December 2021

- Revamped and maintained various RESTful API services using Node.JS.
- Implemented E2E automated **cross-browser and cross-platform testing using Selenium**, ensuring consistent performance across different environments.
- Took an active role in **monitoring Kubernetes pods, cronjobs**, handling configuration changes, logs ensuring uninterrupted flow of the services.

YouTube Clone | React, JavaScript, Tailwind, Redux, Node.js, Express.js

[🔗 Link](#)

- Developed a high-quality video streaming platform that utilizes the **YouTube API** to provide access to an extensive video library, incorporating user-friendly features such as a **slide sidebar, infinite scroll**, and a **well-optimized search employing live API, debouncing, and caching** for swift, real-time results.
- Implemented a robust Node.js and Express.js server, skillfully overcoming **CORS** challenges to seamlessly serve search suggestions. Additional features include **N-level nested comment** sections and a **live chat** display.

SpeedyBites — Food ordering website | JavaScript React Tailwind

[🔗 Link](#)

- Developed a robust food ordering application with **dynamic routing, React-Redux** for efficient cart management, **custom hooks** for enhanced functionality, and user-friendly features like a **search bar, custom shimmer UI**, and **lazy loading** for improved performance. Ensured a seamless user experience with complete responsiveness.

TECHNICAL KNOWLEDGE

- **Languages:** JavaScript - (Typescript / ECMAScript), Python, Java
- **Web Technologies:** React.js, Redux, Cascading Style Sheets (CSS), SASS, HTML, Node, Gulp.js, Developer Tools, Webpack
- **Tools:** SQL (MySQL), MongoDB, Bash, Git/Github, Docker
- **Others:** Problem Solving, Object Oriented(OOPS), Responsive Web Design, Cross-Browser Compatibility, Performance Optimization, Algorithms, Data Structures, System Design

EDUCATION

Noida Institute of Engineering and Technology

Greater Noida, India

Bachelor of Technology in Computer Science; Secured an aggregate of 7.34 CGPA

Aug. 2017 – July 2021

ACHIEVEMENTS

- Received Bravo Recognition three times from UHG - Optum for **Ownership and Delivering Results.**
- Secured **Top 100 Finalists** out of 400 participants during "PepCoding Hackathon".
- NPTEL (IIT-M) Certified: Programming, Data-Structures and Algorithms using Python