UTKARSH YADAV

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Technical Skills

Programming Languages: JavaScript, Typescript, Java, C++

Web Technologies: ReactJS, NextJS, ExpressJS, NodeJS, Jest, Redux, Tailwindcss, HTML/CSS, Postgresql, Mysql, MongoDB, Firebase, Docker, Git, Jira, Agile(Scrum), Object Oriented Programming, Data Structures and Algorithms

Work Experience

Software Engineer **August 2022 – August 2023**
Cognizant Technology Solutions *Noida, India*

- Led the development and management of a robust portfolio of internal projects in the Healthcare Delivery sector, leveraging ReactJS, Typescript, and Java technologies to drive innovation and enhance operational efficiency.
- Constructed new components using ReactJS, Typescript and Redux to manage the state of the components, reducing code redundancy by 40%
- Applied responsive design principles to optimize web applications for mobile devices, resulting in a 30% increase in mobile traffic and improved user experience
- Collaborated with the QA team to identify and fix front-end bugs, reducing customer complaints by 40% and improving product stability
- Enhanced data flow between backend and frontend systems by seamlessly integrating REST APIs, resulting in a 40% reduction in loading time and a 25% increase in overall system performance.

Programmer Analyst Intern **January 2022 – August 2022**
Cognizant Technology Solutions *Remote, India*

- Guided and managed a team of 5 developers to design and implement a Healthcare E-Commerce Pharmacy application using Java, Spring Boot, Hibernate, and ReactJS
- Incorporated fallback mechanism in dashboard to counter API network delay using ReactJS library improving User-Experience by 25%
- Utilized lazy loading and code splitting techniques using ReactJs, which improved website performance to 95% by reducing load time
- Coordinated effectively with the Development team to troubleshoot complex issues, resulting in a 10% decrease in average resolution time

Education

Technische Universitat Chemnitz **October 2023 – October 2025**
MSc. Web Engineering

SRM Institute of Science and Technology **July 2018 – May 2022**
Bachelor of Technology in Computer Science and Engineering *CGPA: **9.64**/10.00*

Projects

E-Pharmacy | *ReactJS, JavaScript, Hibernate, Spring Boot, Java, JWT, Bootstrap, CSS3, Material UI* **July, 2022**
- Engineered and Conceptualised Customer centric E-Commerce Web Application for selling medicinal products online

Geolocation Tracking System | *React-Native, Google Api, Node.js, JWT, MonogDB* **November, 2020**
- Devised cross-platform mobile app simulate the tracking of persons' real-time location.

Dev Forum | *JavaScript, HandlebarJS, ExpressJS, NodeJS, OAuth, REST, MongoDB, Bootstrap* **October, 2020**
- Developed a Full Stack Blog Posting web application with additional features to privatize and publicize blogs, integrated user authentication and authorisation using OAuth2.0 Mechanism

Mentorship & Volunteer Experience

Indian Society for Technical Education | *Technical Lead* **May 2019 - September 2021**
- Directed impactful events for 4000+ students, led 10-member board, addressed resource challenges for sustained growth.

Youtube | *Mentored students studying and living abroad (1k+ Subscribers)* **May 2023 - February 2024**

Honors and Awards

- Contributed to Open-Source organization React-Native-Element Library
- Stood 3rd Position in SMART INDIA HACKATHON (2020)
- Organized 2 National Level Hackathons, 30+ Coding Competition, 50+ Workshops
- Won Tisch Tennis Inter-college Championship 2019-2020