

Prachi Sharma

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SKILLS

Languages & Frameworks: **React, JavaScript ES6, TypeScript, Angular, Node.js, Java, C++**

Frontend: **HTML, CSS, SCSS, JSX, Bootstrap, Material UI, Cypress, Jest, Cucumber, Selenium**

Backend & Database: **REST APIs, GraphQL, MongoDB, MySQL, Hadoop**

Software & Services: **Amazon Web Services (AWS), Google Cloud, Grafana, Git, SonarQube, JIRA**

WORK EXPERIENCE

Freelance

Frontend Web Engineer

June 2024 – Present

Delivered multiple freelance projects, leveraging in **React, JavaScript, AWS**, and **UI/UX design** skills.

Lion International School:

- Engineered a responsive and accessible student data management web application using **React.js**.
- Integrated **AWS** APIs to efficiently manage and process data for over 200 students.
- Optimized data processing and export workflow by dynamic client-side filtering, sorting, pagination and one-click csv export.

Comptel Inc.:

- Developing a **React-based** CRM system, focusing on performance, efficiency, and user-friendly design.
- Implementing a quotation generation system, enabling PDF generation and real-time status tracking.
- Integrating **AWS** for seamless **API management** and reliable data flow across the system.

Ford Motors

Seattle, WA

Software Engineer

Dec 2022 - July 2023

- Integrated real-time vehicle data into dashboard using **Angular** and **TypeScript**, improving insights and analytics for vehicle performance.
- Led the implementation of a standardized **Grafana** charting approach, optimizing data visualization and streaming development across teams.
- Developed a testing framework with **Cucumber** and **Selenium**, improving testing efficiency by **30%**.

Amazon

Seattle, WA

Frontend Engineer

Apr 2021 - Oct 2022

- Designed and developed the lifecycle configuration feature in AWS SageMaker Studio, serving global user base of over **1.2 million** annual users.
- Automated manual setup processes using **React, JavaScript**, and **GraphQL**, reducing environment setup times by **50%**.
- Collaborated with 4 backend engineers and a UX engineer to ensure seamless API integration and deliver a responsive user-friendly interface.
- Executed comprehensive integration and unit tests using **Cypress**, reducing defects by **30%**.

Pacific Northwest National Laboratory

Richland, WA

Post Masters Research Associate

Jan 2019 - Apr 2021

- Developed a web module to streamline data updates and visualizations using **Angular** and **JavaScript**, reducing data entry time by **70%**.
- Created a cybersecurity assessment tool using **React**, and **TypeScript**, enabling facility owner to mitigate risks effectively.

EDUCATION

Master of Science

Computer Science

Northeastern University

Seattle, WA

Bachelor of Technology

Information Technology

Rajasthan Technical University

Jaipur, India

PROJECTS

Food Truck Web

Apr 2018

- Designed and developed web application enabling users to search for food truck by name, city and zip code.
- Implemented **Google Maps API** along with Angular Google Maps for precise location tracking of trucks.