

Prachi Sharma

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As a Software Engineer with 5 years of experience, I bring a robust proficiency in web technologies such as React, JavaScript ES6, TypeScript, Angular and NodeJS. My career spans esteemed organizations like Ford Motors, Amazon, and PNNL. I am dedicated to crafting exceptional user interfaces through efficient development practices, feature optimization, and effective debugging. Adept at collaborating with cross-functional teams to ensure cohesive and high-quality software solutions. Eager to leverage my skills and stay at the forefront of emerging technologies in a new role.

EDUCATION

Master of Science	Computer Science	Northeastern University	Seattle, WA	Sep 2016 – May 2018
Bachelor of Technology	Computer Science	Rajasthan Tech. University	Jaipur, India	Aug 2011 – May 2015

SKILLS

Language:	JavaScript ES6, TypeScript, Java, C++
Technologies:	React, NodeJS, REST APIs, Angular, JSX, Jest, Cypress, HTML, CSS, Cucumber
Database:	MongoDB, MySQL, Hadoop
Software/ Service:	Amazon Web Service (AWS), Git, Grafana, GraphQL, SonarQube, JavaScript Libraries.

WORK EXPERIENCE

Ford Motors | Software Engineer Dec 2022 – Jun 2023

- Created a dashboard solution for visualizing car data, providing the company's management and stakeholders with valuable insights and analytics to all vehicle data including feature usage, product health, and customer information.
- Implemented a standardized Grafana chart approach widely adopted organization-wide, these charts significantly improving data visualization for intuitive analysis.
- Spearheaded the implementation of a robust testing framework for the team, enhancing overall testing efficiency and effectiveness. Additionally, developed and executed comprehensive integrated and unit tests for various features, contributing to improved software quality and reliability.

Amazon | Frontend Engineer Apr 2021 – Oct 2022

- Designed and developed the user interface for the lifecycle configuration feature in AWS Sagemaker Studio, allowing data scientists to upload and update shell scripts for automate customization of the studio environment.
- Collaborated with cross-functional teams, including backend engineers and UX engineers, to integrate APIs and design elements, delivering cohesive solutions.

Pacific Northwest National Laboratory | Post Masters Research Associate Jan 2019 – Apr 2021

- Developed a web-based module for scientists, facilitating streamlined data upload, efficient visualization, and seamless data modification through an intuitive user interface. This solution empowered researchers to enhance their experiments with ease and precision.
- Created features for a web-based cybersecurity tool, empowering facility owners and operators to effectively manage cybersecurity risks and enhance their overall cybersecurity management capabilities.

PROJECTS

Northeastern University's Website Apr 2018

- Successfully spearheaded the creation and development of Northeastern University's align program website/portal, currently serving the needs of faculty, current students, and prospective students.
- Implemented key features such as login and registration capabilities, along with comprehensive statistical breakdowns of student demographics based on gender, program, and grades.

Food Truck Web Apr 2018

- Designed website allowing users to search for food trucks by name, city, address, or pin code.
- Incorporated the Google Maps API and Angular Google Maps for precise location tracking of each food truck, greatly enhancing the user experience and enabling seamless navigation.