

Prachi Sharma

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Frontend / Full Stack Engineer with 6+ years of experience building scalable, high impact web applications using React, TypeScript and cloud technologies. Former AWS and Ford engineer with experience delivering enterprise and consumer scale products used by millions of users. Strong background in UI platforms, system design, and automated testing.

TECHNICAL SKILLS

Frontend: **React, JavaScript (ES6+), TypeScript, Angular, HTML5, CSS3, Tailwind, Material UI, Bootstrap**

Backend: **Node.js, Express.js, REST APIs, GraphQL, MongoDB, MySQL, MS SQL Server**

Cloud & Tools: **Amazon Web Services, Google Cloud Platform (GCP), Git, Webpack, Grafana**

Testing: **Cypress, Selenium, Jest, Cucumber**

WORK EXPERIENCE

Arvi | Full Stack Engineer | Remote | May 2024 – present

- Led frontend architecture and feature development for Whampy, a WhatsApp marketing platform, making key technical decisions that ensured scalability and maintainability.
- Mentored junior engineers, elevating code quality and improving team efficiency.
- Designed and implemented system architecture for HR platform supporting 4,000+ employees, incorporating optimized data rendering techniques, eliminating 1,000+ hours of manual work annually.
- Developed a Student Information System for 200+ users using React, Node.js and AWS, enabling fee management and student record updates, reducing administrative workload by 80%.

Ford Motor Company | Software Engineer | Seattle, WA, USA | Dec 2022 – Jul 2023

- Contributed to the Vehicle Data Control Center, a centralized analytics platform for 500+ vehicle models using Angular, TypeScript, Java and GCP.
- Integrated Grafana dashboards, resolving a major platform dependency and accelerating release timelines.
- Developed automated test suites with Cucumber and Selenium, improving QA efficiency by 30%.

Amazon Web Services | Frontend Engineer | Seattle, WA, USA | Apr 2021 – Oct 2022

- Led development of the Lifecycle Configuration feature for Sagemaker Studio, supporting 1.2M+ global users.
- Built scalable frontend components using React and GraphQL, enabling automated environment setup and reducing manual configuration by 70%.
- Expanded Cypress test coverage, improving UI stability and significantly reducing production issues.
- Partnered cross-functionally with backend and UX team to deliver high quality, accessible user experiences.

Pacific Northwest National Laboratory | Research Associate | Richland, WA, USA | Jan 2019 – Apr 2021

- Developed an Angular based data visualization platform, reducing scientific data entry by 70%.
- Built a cybersecurity assessment tool using React and TypeScript to help facilities proactively identify system risks.

EDUCATION

Northeastern University | Master of Science | Computer Science | Seattle, WA, USA | 2016 - 2018

Rajasthan Technical University | Bachelor of Technology | Information Technology | Jaipur, India | 2011- 2015

PROJECTS

Food Truck Web Application | MongoDB, Express, Angular, Node.js

- Developed a full stack application allowing users to search food trucks by name, city and ZIP code.
- Integrated Google Maps API for real-time location tracking and improved navigation accuracy.