

Prachi Sharma

[LinkedIn](#) | prachisharma.edu@gmail.com | [Portfolio](#) | Seattle, WA

SKILLS

Frontend: **React, JavaScript (ES6), TypeScript, Angular, HTML, CSS, Bootstrap, Material UI, Webpack**
Backend: **Node.js, Express.js, REST API, GraphQL, MongoDB, MySQL, MS SQL, Java, C++**
Cloud & Tool: **Amazon Web Services (AWS), Google Cloud Platform (GCP), Grafana, Git, LangChain.js**
Testing: **Cypress, Cucumber, Selenium, Jest**

WORK EXPERIENCE

ARVI | Full Stack Engineer - Contract Remote | May 2024 – Present

- Designed system architecture for an HR platform supporting 4000 employees using React, MS SQL Server, Node.js, and Express.js, eliminating 1000+ hours of manual work annually.
- Built a student data management system for 200+ students using React, JavaScript, and AWS, automating data retrieval and CSV export, cutting administrative workload by 80%.
- Designing a CRM platform using React to automate quotation generation and sales workflow, targeting a 60% decrease in manual efforts.
- Improved the responsiveness of an existing client website by refactoring React components and optimizing layout styles for mobile and tablet viewports.

Ford Motors Company | Software Engineer Seattle, WA | December 2022 – July 2023

- Contributed to the development of the Vehicle Data Control Center, centralizing analytics for 500+ vehicle models using Angular, TypeScript, Java and Google Cloud Platform.
- Integrated Grafana charts into the dashboard, resolving an org-wide technical hurdle and accelerating the product timeline.
- Executed automated tests using Cucumber and Selenium, improving QA efficiency by 30%.

Amazon Web Services (AWS) | Frontend Engineer Seattle, WA | April 2021 – October 2022

- Owned and led the development of the Lifecycle Configuration feature for Sagemaker Studio, impacting over 1.2 million global users.
- Implemented an upload interface using React, and GraphQL, automated script-based environment setups, reducing manual configuration by 70%.
- Enhanced Cypress testing coverage, increasing UI reliability and reduce production incidents.
- Collaborated cross-functionally with backend and UX teams, significantly enhancing usability.

Pacific Northwest National Laboratory | Research Associate Richland, WA | January 2019 – April 2021

- Delivered an Angular-based data visualization application, cutting scientific data entry time by 70%.
- Built a cybersecurity assessment tool using React and TypeScript to help facilities proactively identify risks.

EDUCATION

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

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

PROJECTS

Food Truck Web | MongoDB, Express.js, Angular, Node.js Seattle, WA | April 2018

- Developed a full-stack web application, enabling users to search for food trucks by name, city and ZIP.
- Integrated Google Maps API to track truck location, improving user experience and navigation accuracy.