

# Mustafa Sadriwala

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## TECHNICAL SKILLS

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|------------------------|---|
| Languages              | Python, JavaScript, PHP/Hack, Java, HTML, CSS/SCSS      |
| Softwares & Frameworks | React, Git, LaTeX, Relay, Next.js, React-Native, Spring |

## EDUCATION

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**B.S. in Computer Science – University of Texas at Dallas**

Aug 2017 – May 2021

Collegium V Interdisciplinary Honors, CS^2 Honors Program

GPA: 4.0/4.0

## WORK EXPERIENCE

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**Meta, Senior Software Engineer**

Aug 2021 – Present

- Working as a **Product Engineer** within Instagram Trust & Safety to create performant, policy-compliant, and privacy-aware features such as Supervision and Teen Accounts.
- Use Python, PHP/Hack, **React**, and **JavaScript** day-to-day to own and deliver full-stack features.
- Led multiple projects with a team of engineers up until global launch followed by analysis of experimentation and learnings share-out to continue iterating on product hypotheses.
- Steer overall product and technical direction by driving early ideation and design thinking, prototyping new solutions/features/migrations, and proposing required engineering bandwidth and business value.
- Mentored several junior engineers to lead their own workstreams and achieve career goals + growth.
- Worked alongside data partners to create effective and scalable product logging for safety features which has enabled regular product functionality verification and powered company-wide analyses.

**Facebook, Software Engineering Intern**

May – Aug 2020

- Worked as a **Product Engineer** on the Messenger Kids Parent Experience Team to deliver redesigns of legacy screens inside the FB app and bring functionality for parental reporting controls to the FB website.
- Used **React Native** with **Relay**, **Flow**, and **GraphQL** to create a consistent cross-platform user experience.
- Ran experimentation and QA for both projects. Helped create and analyze hypotheses for testing.

**J.P. Morgan & Chase, Software Engineering Intern**

Jun – Aug 2019

- Worked as a **Full-Stack Developer** on a **web application** to mock data generation as a customizable **Kafka** producer for testing internal cloud applications.
- Developed React front-end with Java REST API for scheduled and random data generation.
- Helped architect endpoints and internal data models to enable an efficient **MVC architecture**.
- Researched and integrated **authentication protocols** to enable deployment to internal cloud environment.

## RELEVANT PROJECTS

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**Lumen Solar, Inc., Founding Engineer**

Jan 2023– Present

- Researched, designed, and engineered a software solution for the enablement of residential solar adoption
- Set up **AWS cloud database** and designed core data models and APIs via **Django** (hosted on **Render**)
- Created and UI designed **React** web app for client and corporate user interfaces, keeping in mind navigation paradigms, completion funnel, ease of use and comprehension while also solving for solar company business needs and addressing key pain points brought up through our Sales team's research.