Mustafa Sadriwala

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TECHNICAL SKILLS

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

EDUCATION

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

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 for youth safety features as well as architect new or refactored systems for scalability, reliability, and compliance.
- Steer team-level product and technical direction by driving early ideation and design thinking, prototyping new solutions/features/migrations, and proposing required engineering bandwidth and business value.
- Led multiple projects with a team of engineers across server and client stacks up until global launch followed by analysis of experimentation and learnings share-out to continue iterating on product hypotheses.
- Mentored several junior engineers to lead their own workstreams and achieve growth to senior.

Lumen Solar, Inc., CTO & Lead Developer   Aug 2023 – Mar 2025

- Conducted market analysis and research around existing SaaS solutions in regional US solar markets.
- Designed, Architected, and Developed B2C Software solution (React, Django, PostgreSQL, AWS RDS, AWS EC2) for solar companies to enable potential clients to conduct their own site surveys with Computer Vision integrations for validity and accuracy of survey results alongside business portal for customer management.
- Productionized and launched (Vercel, Render) product for first paying customer in Dallas, TX and prioritized value-add features with Sales + COO research to accelerate customer adoption and acquisition.

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 with React front-end and Java Spring Boot.
- Researched and integrated **authentication protocols** to enable deployment to internal cloud environment.

RELEVANT PROJECTS

UTD ECS Events, Lead Front-End Developer   Jan 2021 – May 2021

- Designed and developed an open-source event management platform for student organizations.
- Led front-end engineers in **React** by setting up development environments, establishing code best practices, distributing work per experience level, creating base components for reuse, and setting up CI/CD pipeline.