

# Mustafa Sadriwala

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## TECHNICAL SKILLS

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

## EDUCATION

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<b>B.S. in Computer Science – University of Texas at Dallas</b>	Aug 2017 – May 2021
Collegium V Interdisciplinary Honors, CS^2 Honors Program	GPA: <b>4.0/4.0</b>

## WORK EXPERIENCE

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<b>Meta, Software Engineer</b>	Aug 2021 – Present
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- Working as a **Product Engineer** on Instagram Supervision to create performant, policy-compliant, and privacy-aware features for parents to help support their teenager's journey on Instagram.
- Use **React**, **JavaScript**, **PHP/Hack**, and **Python** day-to-day to own and deliver full-stack features.
- Led team of engineers for multiple projects up until global launch followed by analysis of experimentation and learnings share-out to continue iterating on 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.
- Partner with platform teams to architect client-needed APIs and new infrastructural requirements.

<b>Facebook, Software Engineering Intern</b>	May – Aug 2020
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- 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.

<b>J.P. Morgan &amp; Chase, Software Engineering Intern</b>	Jun – Aug 2019
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- 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 input forms in **React** alongside a **REST API** in **Java** 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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<b>UTD ECS Events, Full-Stack Developer</b>	Jan 2021 – May 2021
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- 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 through code review, distributing work per experience level, and creating base layer components for reuse.
- Created distinct environments for production and development, as well as a continuous deployment pipeline.

## EXTRACURRICULARS

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**UTD Girls Who Code Logistics Chair:** Helping to establish a local chapter of Girls Who Code College Loops.

**ACM UTD Director of Education:** Coordinated a team of officers to manage a mentorship program for CS underclassmen at UTD and host various workshops on topics like interview prep, intern fairs, and web dev.

**Empower Through Code volunteer:** Mentored students at local middle schools to foster interest CS and engineering. Created coursework to teach Python programming and engage students with logic puzzles.