

# MUDDASAR HUSSAIN

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Full-stack engineer with 2 years building React/Next.js, TypeScript, and Ruby on Rails products for payments, commerce, and coaching platforms. Shipped *Stripe* checkout flows, *Twilio*-powered SMS notifications, and third-party API integrations end-to-end.

## SKILLS

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- **Languages:** JavaScript, TypeScript, Python, Ruby
- **Frontend Development:** React.js, Next.js, React Native, Tailwind CSS, Redux, Vite, Jest
- **Backend Development:** Ruby on Rails, REST APIs, GraphQL, RSpec, Sidekiq, JWT, OAuth 2.0
- **Databases & caching:** PostgreSQL, MySQL, MongoDB, Redis, DynamoDB
- **Cloud & DevOps:** AWS (EC2, S3, RDS, Lambda, SQS), Docker, GitHub Actions, CI/CD
- **Integrations & tooling:** Git, Stripe, Twilio, Mailchimp, Mandrill, Webhooks, OpenAPI

## EXPERIENCE

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**CoachVantage**, Remote / Singapore

Sep 2025 — Present

*Full Stack Engineer*

- Built a production-grade Twilio SMS notification system at CoachVantage with E.164 validation, consent checks, transactional credit deduction, and retry/backoff handling.
- Owned cross-integration reliability across Cronofy, Mailchimp/Mandrill, Zoom, and Google Meet, adding two-way calendar sync and async failure processing to improve deliverability by 35%.
- Integrated Hasura with Rails backend for real-time GraphQL operations, reducing data fetch time by 45% and enabling instant updates across user dashboards.
- Developed and optimized Mandrill and Mailchimp templates across transactional and marketing campaigns, improving email deliverability and user engagement by 10%.

**Devsinc**, Lahore

Aug 2024 — Sep 2025

*Software Engineer*

- Improved deployment stability across distributed systems by 8% in 3 months by implementing CI/CD workflows, enabling faster, more reliable releases.
- Built Stripe-based SMS credit monetization with direct purchase, auto top-up, off-session PaymentIntent flows, rate limiting, and automated confirmation notifications, improving revenue conversion by 20%.
- Cut page load time 20% for high-interaction use cases by replacing heavy patterns with Zustand, SWR, Axios, and Formik.

## VOLUNTEERING & LEADERSHIP

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- **Microsoft Beta Student Ambassador | 2022** - Selected as part of Microsoft's global student ambassador community to support peer learning, foster tech communities, and promote technical skill development among students.
- **Technical Speaker & Community Leader** - Delivered comprehensive [virtual seminar](#) to 100+ computer science students via Microsoft Teams, covering advanced Next.js frameworks, modern web development trends, and industry best practices.

## EDUCATION

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**COMSATS University Islamabad**

Sep 2020 — Jun 2024

*Bachelors of Science in Computer Science*