

Mustafiz Kaifee Mumtaz

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EDUCATION

- National Institute of Technology, Jamshedpur** Jamshedpur, India
Bachelor of Technology in Computer Science and Engineering — CGPA-8.01 Aug 2017 - May 2021

EXPERIENCE

- BitGo** Bengaluru, India
Senior Software Engineer May 2024 - Present
 - Transaction Monitoring:** Designed and implemented a transaction analysis service to identify and mitigate fraudulent activities and high-risk financial transfers, enhancing overall system security.
 - Travel Rule:** Developed an independent funds withdrawal system optimized for rapid processing while ensuring compliance with travel rules and regulatory requirements in Singapore, Europe, Dubai, and Korea.
 - VASP:** Developed dashboard for a virtual asset service provider to manage transactions and Personally Identifiable Information (PII), enabling transfer claims, rejection processing, and report downloads.
 - Tech Stack:** NodeJs, TypeScript, MySQL, MongoDB, Kafka
- MediBuddy** Bengaluru, India
Software Development Engineer April 2022 - May 2024
 - Ayushman Bharat Health Account (ABHA):** Led ABHA, an initiative by the Indian government, centralizing health record access and securing medical history, improving patient data privacy, and streamlining care processes. Achieved over 150,000 ABHA ID creations and 120,000 linkages, integrating key features for MediBuddy's certification by the NHA.
 - Unified Health Interface:** Developed an interface that works with PayTM, Driefcase, Practo, and other organizations to offer instant access to online and offline healthcare services, resulting in a 25% increase in consultations.
 - CoWIN:** Integrated CoWIN within MediBuddy for efficient COVID certificate management, resulting in over 100,000 downloads.
 - Offline Consult:** Developed a consultation service to boost in-person medical appointments, leading to a 200% rise in just three months.
 - Tech Stack:** NestJs, NodeJs, Java, MySQL, AWS, ReactJs, NextJs, Docker, Jenkins, SQS, Lambda, SNS, Kafka
- Axis Bank Freecharge** Mumbai, India
Graduate Engineer Trainee January 2021 - April 2022
 - Failure Retrial Mechanism and Payment Integrity:** Created a microservice using AWS SQS to automate failure retrials and detect duplicate payments, reducing manual checks and improving customer satisfaction by 93%.
 - Payment Integration:** Integrated the Razorpay payment gateway to ensure seamless transaction processing, resulting in 50% fewer failures than Juspay.
 - Referral System:** Designed a referral system with Node.js-MongoDB, boosting income by 25% over a year.
 - Architectural Optimisation:** Refactored system architecture resulting in a 40% improvement in performance, 30% reduction in costs, and optimized CPU usage, decreasing average load by 50%.
 - Tech Stack:** NodeJs, MongoDB, AWS, Docker, Kafka, SQS

PROJECTS

- MoneyMind (moneymind.mustafizkaifee.in)** Dec 2024 - Present
 - Developed a money management system allowing users to track income and expenses by category, analyze spending trends through graphs and time-based filters, and download reports in CSV or PDF formats.
 - Future focus: Automating transaction entry by integrating UPI, SMS, email, and card data for seamless expense management.

SKILLS

- Programming Languages:** JavaScript, TypeScript, Python, Java
- Web Technologies:** HTML, CSS, React.js, Next.js
- Backend Technologies:** Nest.js, Node.js, Caching, JWT, Kafka
- DevOps and Tools:** CI/CD, Docker, Git, GitHub Actions, GitLab, Jenkins
- Databases:** MySQL, MongoDB, Elasticsearch
- Cloud Services:** ECS, S3, Lambda, SQS, SNS, CodePipeline, Athena, Glue
- Data Visualisation and Analysis:** Retool, Superset
- Design Principles & Methodologies:** Design Patterns, Object-Oriented Programming, REST API Design, Microservices Architecture