PREYASH AMAR MEHTA

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Professional Summary

Full-Stack Software Engineer with experience building TypeScript, Node.js, and React systems that power internal workflows and high-availability publishing operations. Skilled in serverless API development, cloud-based automation, SQL/NoSQL data models, and scalable backend services supporting content pipelines and distributed applications in AWS.

Technical Skills

Programming Languages: TypeScript, JavaScript, SQL, Python, HTML5, CSS3
Backend: Node.js, Express, REST APIs, GraphQL, gRPC, Event-Driven Logic, Zod Validation
Frontend & Frameworks: React.js, React Router, Tailwind CSS, Shadcn/ui, Storybook, React Native
Databases & ORM: PostgreSQL, Redis, MongoDB, Prisma (familiar), Sequelize, TypeORM
Cloud & DevOps: AWS, Docker, CI/CD, GitHub Actions, Terraform, Render, Secrets Management
Testing & Observability: Jest, Supertest, Cypress, Postman, Logging, Monitoring, Metrics & Tracing

Professional Experience

Formless Inc   **June 2024 - October 2024**
Software Engineering Intern

- Built full-stack TypeScript modules with React and Node to streamline complex operational workflows, modeling state transitions, validations, and audit trails into simple, highly reliable product experiences.
- Improved reliability of React and Node.js features by expanding automated tests and deployment checks, supporting faster, safer shipping of full-stack updates across critical core product workflows.
- Implemented end-to-end workflow steps with React UIs and secure TypeScript APIs, adding role-based logic, status transitions, and real-time event-driven updates for complex operational task processing.

Atos   **March 2023 - June 2023**
Associate Consultant - GCM 2

- Designed modular Node.js services that automated multi-step operational processes, adding resilient state handling and workflow logic powering internal review, approval, and notification flows with secure handling of sensitive data.
- Strengthened Node.js and React services by integrating Jenkins-powered unit, API, and UI tests with Jest, Supertest, and Cypress, consistently sustaining **80%** coverage and cutting overall release issues by **15%**.
- Developed secure Node.js REST APIs and optimized SQL workflows while migrating logic into modular, cloud-native service components designed for scalable backend publishing and review operations aligned with HIPAA-focused access controls.

Atos   **March 2021 - February 2023**
Associate Consultant - GCM 1

- Delivered full-stack features using Node.js microservices and React UI modules to ensure consistent workflow orchestration, strong audit trails, and high availability across complex multi-step operational systems handling sensitive user information.
- Enhanced system responsiveness by **25%** through PostgreSQL query tuning and the introduction of Redis-backed caching layers to significantly reduce data-loading latency for high-traffic operational dashboards.
- Built reusable React components with TypeScript APIs, integrating routing, validation, and workflow state transitions to support clear user flows and effectively reduce operational friction.
- Automated claim validation and reconciliation workflows with AWS Lambda and added frontend status updates, streamlining review activities, reducing manual effort by **25%**, and maintaining safeguards for PHI throughout.

Projects

Cloud-Native User Onboarding Platform | *AWS, Terraform, PostgreSQL, SendGrid, GitHub Actions*   *June 2025*

- Built workflow-driven onboarding platform using TypeScript APIs, automated state transitions, and event-driven notifications, enabling reliable multi-step user activation processes.

Event Management Platform | *React, TypeScript, Node.js, MongoDB, Docker, Kubernetes*   *May 2025*

- Developed event-driven full-stack platform using React and Node.js, building authenticated dashboards, operational workflows, and scalable backend logic supporting high-volume user actions.

Education

Northeastern University   *Boston, MA, USA*
Master of Science in Computer Software Engineering (GPA: 3.83)   *2025*
Relevant Courses: Object-Oriented Design, Web Development, Cloud Computing, Data Structures & Algorithms, Design Patterns

Savitribai Phule Pune University   *Pune, MH, India*
Bachelor of Engineering in Computer Engineering (GPA: 3.70)   *2020*
Relevant Courses: Machine Learning, System Design, Database Management, Computer Science, Information Systems, Distributed Systems