Pujon Das Auvi
Software Engineer

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GitHub | LinkedIn | Portfolio

Experience

Full Stack Developer-Tripnest Limited   **January 2025 – Present**
- Improved server performance by over 60% by implementing Redis caching to reduce API response times, and enhanced deployment efficiency through Docker containerization and CI/CD pipelines using GitHub Actions across a microservices-based architecture.
- Engineered 20+ scalable RESTful APIs with Node.js, Express, and MongoDB to power core OTA features visa processing, package booking, and flight integration with real-time pricing, seat availability, and resilient failover support.
- Built a secure CRM system with JWT-based RBAC supporting 5+ user roles, and developed a modular online visa application service with integrated payment gateway handling 1,000+ monthly transactions while ensuring high security and code maintainability.

Junior Developer (MERN)-Core Devs ltd.   **July 2023 – September 2023**
- Enhanced user experience by optimizing applications using React and Redux, resulting in faster loading and better usability.
- Collaborated with a cross-functional team to deliver new features on schedule, ensuring smooth integration of backend services using Node.js and Express.
- Refactored existing codebases, improving performance and maintainability, and reducing technical debt across multiple projects.

Skills

Expertise: JavaScript, React JS, SASS, Tailwind, Bootstrap, Redux, MongoDB, Mongoose, Node JS, TypeScript, Shadcn UI
Comfortable: Express JS, Firebase, Prisma, Material UI, SQL, MySQL, Next.js, Framer Motion, Ant Design, Jest, Vitest, Redis
Familiar: Axios, Socket.io, tRPC, Discord JS, PostgreSQL, GraphQL, Next UI
DevOps: Docker, GitHub, CD/CI (GitHub Actions), Stripe, Microservices, Kong, Kafka, RabbitMQ, Git, AWS(S3, EC2, Lambda), Nginx

Recent Projects

Sparkle Car Wash   **Live Site | Client-side GitHub | Server-side GitHub**

Overview: The Sparkle Car Wash project is a full-stack web application that provides a modern car washing booking system, featuring user authentication, an admin dashboard, and responsive design, built with React, TypeScript, and Express.

Key Features:
- Reduced API response time by 97% (194ms → 5ms) by implementing Redis caching and pattern-based invalidation for frequently accessed endpoints. Also achieved a 99/100 Lighthouse performance score for frontend optimization.
- Built and optimized RESTful APIs using Express.js, TypeScript, and MongoDB with dynamic slot management and RTK Query; enabled 100/100 Best Practices
- Designed scalable admin dashboard with MongoDB aggregation and Vite code splitting; achieved 10ms Total Blocking Time and 0 Cumulative Layout Shift via Redux persist and React Suspense.

Technologies: TypeScript, React, Next.js, Node.js, Express.js, Mongoose, MongoDB, REST APIs, Tailwind, Shadcn, AamarPay, Redux, RTK Query, Framer Motion, Node-Mailer, Zod, JWT, Redis

PrimeLifeFit   **Live Site | Client-side GitHub | Server-side GitHub**

Overview: PrimeLifeFit is an e-commerce platform offering premium fitness equipment and accessories. It addresses challenges of user-friendly navigation and effective product management for enhanced shopping experiences.

Key Features:
- Developed a responsive e-commerce platform using React, TypeScript, and Express.js, enabling seamless browsing and purchasing of 100+ fitness products with advanced search features.
- Implemented secure authentication and RBAC, with full product and order management via CRUD operations.
- Designed a real-time admin dashboard displaying revenue, orders, customers, and activities, improving operational visibility and decision-making

Technologies: React, Tailwind, Sass, Shadcn, Framer Motion, MongoDB, Express.js, Redux, Mongoose, Stripe, Swiper, Recharts, RTK Query, Node.js, TypeScript, JWT, Zod.

Courses & Certifications
- Next Level Web Development (2024-2025), Programming Hero   Certificate
- Complete Web Development (2022-2023), Programming Hero   Certificate

Languages
- Bangla (Native)
- English (Comfortable)