

Rinkal D. Makvana

(Full-Stack Developer)

SUMMARY:

- Having 5+ Years of experience in the IT Industry in JavaScript, Typescript, CSS, React.js, and Node.js with Agile software development life cycle.
- Also, experienced with product-based working environments from design, development and delivery of the product features.
- Designed and developed REST APIs and microservices architecture
- Managed **PostgreSQL, MYSQL and MongoDB databases using TypeORM**
- Experienced in using NestJS modules and services to structure complex backend logic effectively.
- Experienced with **React** for building user interfaces and components
- Performed database optimization, indexing and query analysis.
- Developed systems to upload files and images to S3 buckets and Integrated Cloudinary to manage uploaded assets and CDN delivery
- Built a scalable RESTful API with NestJS for a social media platform, handling user authentication and data management.
- Utilized **NestJS with Socket.io for real-time communication** features.
- Developed secure user authentication in a NestJS application using 2FA (Two-Factor Authentication) and MFA (Multi-Factor Authentication) for enhanced user protection.
- Proficient in **JavaScript, including ES6/ES7** features like arrow functions, promises, async/await
- Developed dynamic **Single Page Applications (SPAs)** with Angular, integrating seamlessly with RESTful APIs.
- Used Git version control system in development workflows
- Performed code reviews, unit & integration testing for quality
- I am a balanced person with required technical expertise and soft skills to be a great team player.
- Extensive exposure to a comprehensive range of team activities, thriving on working in a Challenging environment.
- Strong communication and analytical skills to understand requirements

Education Details

Qualification	Result
B.C.A	6.82 CGPA
M.C.A (Master Of Computer Applications)	8.03 CGPA

TECHNICAL SKILLS:

Area	Experience
Technologies & Framework	React.js , Node.js framework: Expressjs , Nestjs

Database	MongoDB, Postgresql Database Schema: Typeorm
Languages & Packages	JavaScript & ES6
Operating System	Windows, Linux
Cloud Services	AWS (Ec2 Instance) ,CICD,Nginx, Docker
Versioning	Git , Github, Gitlab, BitBucket,
Tools & IDEs	Visual studio code, Sublime
Project Management Tool	Trello, Basecamp,ClickUp,Linear

Achievement:

- **Reduced response times by 70%** through efficient database query optimization in a NestJS application.
- Implemented secure REST API integration with Angular HTTPClient, handling error responses effectively with interceptors.
- Implemented secure user authentication with **encryption/decryption** middleware for enhanced data protection in a NestJS application.
- Built dynamic, responsive, and mobile-first user interfaces using Angular Material and custom CSS styles, ensuring cross-device compatibility.

Contact Details:

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Work Experience

- Upsquare Solution (2022 to 2024)
- Freelancing (2020 to working)

KEY PROJECTS:

Mutual-Fund Tool

Technologies Used: ExpressJs, PostgreSQL with Typeorm, AWS Service, ThirdParty APIs

Role: Frontend Developer

Team Size: 4

Client: India

Project Description: A mutual funds tool refers to a software platform or online service designed to help investors research, analyze, track, and manage mutual fund investments .A Systematic Investment Plan (SIP) is an automated method of investing money from an individual's bank account into a mutual fund scheme over a set period of time at a regular interval (e.g. monthly, quarterly, etc).

Roles and Responsibilities:

- **Fund Research** - Enables searching, filtering, comparing, and screening thousands of mutual funds based on criteria like asset class, risk level, holdings, minimum investments, fees, historical returns and more.
- **Fund Performance** - Charts and visualizations to easily analyze and track performance over custom time periods for individual funds and portfolios. Performance data available includes returns, standard deviation, Sharpe ratios, etc.
- **Portfolio Management** - Option to create personalized portfolios using selected mutual funds for easier tracking. Access aggregated performance views, automated rebalancing, and reporting for portfolio funds.
- **Alerts and Notifications** - Ability to set up alerts related to fund events, performance metrics, portfolio changes or when funds meet specific screening criteria.
- **Third Party Integrations** - Integration with brokerages and investment platforms to consolidate information for analysis and reporting.
- **SIP Setup** - Choose mutual fund, investment amount, frequency (monthly, quarterly etc) and start date to automate investments.
- **SIP Tracking** - Dashboard to view active SIPs in one place. Track total invested, number of installments, value of holdings from SIPs etc.
- **SIP Modifications** - Option to change SIP amount, frequency or end date anytime as per need. Pause and resume SIPs if required.
- **SIP Performance** - Reports and analytics to evaluate returns generated from SIPs over time. Ability to compare with lumpsum investments.
- **SIP Alerts** - Notifications when SIPs are deducted, modified or transactions fail due to insufficient funds.

Healthcare Consultancy

Technologies Used: Angular, Express, Socket, PostgreSQL with Typeorm, AWS Service

Role: Frontend & Backend Developer

Team Size: 7

Client: Japan

Project Description: A Healthcare Consultancy develop a web-based healthcare ecosystem offering virtual consultations across mental, emotional, physical, and relational health supplemented by tools for convenience and customizability. Here you can mental health, relationship, anxiety, therapy suggestion through virtual meetings.

Roles and Responsibilities:

- Video chat therapy and assessments across mental health, relationships, anxiety, life transitions and more
- Custom matching algorithms to pair clients with relevant specialists
- Self-scheduling for appointments with therapists, doctors, dietitians
- Secure social sign-in, profile building and client questionnaire
- Progress tracking and supplemental health/lifestyle tip content
- Direct messaging to assigned support panel and care team
- Discussion forum for peer advice and experience sharing

- You choose a pricing plan
- Health blogs written by our experts covering trending wellness topics
- Preventative care reminders and motivation messages.

Gyigs

Technologies Used: Next.js, Express.js, MongoDB, AWS Service, Nginx

Role: Frontend & Backend Developer

Team Size: 5

Client: India

Project Description: Gygis is a revolutionary manufacturing industry management software specifically designed for the German big-bag industry. This powerful platform empowers decision-makers with the tools needed to streamline operations, optimize big-bag production, and elevate customer service.

Roles & Responsibilities:

- **Production Planning and Scheduling:** Optimize production schedules, manage resources effectively, and ensure on-time delivery.
- **Inventory Management:** Gain real-time inventory visibility, optimize stock levels, and prevent stockouts.
- **Quality Control Management:** Implement robust quality control measures throughout the production process, guaranteeing consistent quality.
- **Machine Monitoring and Maintenance:** Track machine performance, predict maintenance needs, and minimize downtime.
- **Customer Relationship Management (CRM):** Manage customer interactions efficiently, provide accurate order status updates, and foster stronger relationships.
- **Data Analytics and Reporting:** Generate comprehensive reports with insightful data visualizations for informed decision-making.
- **Industry Compliance:** Ensure adherence to relevant German regulations and quality standards.

Daily Buddy

Technologies Used: Next.js, Express.js, MongoDB, AWS Service

Role: Backend Developer

Team Size: 4

Client: Bangladesh

Project Description: DailyBuddy is a personal productivity web application to help users stay organized and manage their daily task. Users can take notes, maintain to-do lists, set reminders, and keep a personal journal or knowledge base. The key goal of Daily Buddy is to provide an easy way for users to capture, organize, manage and track information related to their daily activities.

Roles and Responsibilities:

- Notes - Ability to create rich text notes with options to add images, attachments, tags for easy
- filtering, user can invite a member in note. also here user share a note with anyone
- Tasks/To-Dos - Create list of tasks with options to set reminders, due dates, Flexible views like
- daily, weekly and context-based to-do items
- Notebooks - Organize notes and tasks into different notebooks
- Accounts - Users can create secure and private accounts with username/password logic`
- Two-factor authentication (2FA) - For additional account security, users can enable login via QR
- code and verify by authenticator
- Search notes - Advanced search capabilities to quickly find notes based on titles, tags, text
- Scratchpad - Quick notepad accessible from anywhere to jot down thoughts and ideas
- Secure notes - Extra protected end-to-end encrypted notes for storing sensitive information`
- Filters & smart lists - Filter and save filtered views for tasks, notes (e.g. show tasks due today)

Vendor Portal

Technologies Used: Next.js, Nest.js, MongoDB, AWS Service, Material UI

Role: Backend Developer

Team Size: 7

Client: India

Project Description: The Vendor Portal is a full-stack web application designed to revolutionize vendor management for your organization. It empowers vendors to self-manage their profiles and requirements while fostering seamless collaboration across companies. Built with a user-centric approach, the portal offers a suite of features to streamline vendor interactions and enhance overall efficiency.

Roles & Responsibilities:

Backend Features:

- User authentication and authorization logic.
- Company profile data storage and retrieval.
- Requirement management (posting, viewing, filtering).
- Employee data management (adding, selecting).
- File upload handling (profile pictures, resumes).
- Email notification generation and sending functionalities.

Brief Book

Technologies Used: Reactjs, Expressjs, React Router, Bootstrap, MongoDB

Role: Backend Developer

Team Size: 7

Client: India

Project Description: Brief Book is a web application designed to manage your personal finances effectively. It provides features to track expenses, categorize them, record income (credits), and gain valuable insights into your financial health.

Roles & Responsibilities:

Frontend Development:

- Create React components for displaying transaction forms, expense lists, income lists, category management, split expense functionality, and reporting/visualization interfaces.
- Handle user interactions for adding, editing, and filtering transactions.
- Implement effective data validation and error handling.
- Design an intuitive user interface using a chosen UI framework or component library.

Backend Development:

- Create Node.js server with Express.js framework.
- Define API endpoints for CRUD (Create, Read, Update, Delete) operations on transactions, categories, splits, and user accounts (if applicable).
- Connect to the MongoDB database using Mongoose.
- Implement secure data validation and error handling on the server side.

Project-Management Tool

Technologies Used: Reactjs, Expressjs, Socket, React Router, Bootstrap, Postgresql with TypeORM, AWS Services

Role: Backend Developer

Team Size: 5

Client: Germany

Project Description: A Project Management Tool is a web-based project management and team collaboration software. It provides tools to manage projects and coordinate team members with features such as task lists, message boards, schedules, calendars, activity, Assignment, projects, task, task comments, labels, like trello Kanban board, filters, global search, notification, user setting.

Roles and Responsibilities:

- Team Members - Invite any number of team members to collaborate on projects. Adjust permissions to limit access if needed.
- Task Lists - At the core are customizable task lists called "boards" with "cards"

representing tasks. Group cards into lists like To Do, In Progress, Completed. Move cards easily to manage work.

- Message boards - Comment threads on each card facilitate discussions right where the work is happening. See all interactions captured in card history.
- Calendars - Calendar power-up provides an overview of due dates across cards/tasks in one place.
- Activity Log - See all updates on one board or entire team's workspace to gain visibility into work progress.
- Assignment - Assign members to a card/task so they receive notifications when added,moved or modified.Projects - Group boards together into projects to separate different initiatives,departments etc.
- Task Labels - Add color coded labels like High Priority to tasks to organize work and track status.
- Task Comments - Have discussions directly on a task card to ask questions, clarify scope and more.
- Filters - Create custom views to focus on relevant cards. Filter by member, label, due date etc.
- Global Search - Quickly search across boards, cards, attachments, comments to find relevant information.
- Notifications - Get instant email or in-app notifications when you are mentioned, assigned, or boards/cards are changed.
- User Settings - Customize background, color schemes, image uploads and more to personalize experience.