

Mani Babu Miriyala

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SUMMARY

Full-Stack Developer with 2.7 years of experience building web applications using **NodeJS** and **React.js**. Proficient in developing **RESTful APIs** and implementing state management with **Redux**, **Redux Toolkit**, and **Context API**. Skilled in **MS SQL** database operations, **Jest** unit testing, and **GitLab CI/CD** workflows. Passionate about creating end-to-end solutions from backend **API design** to responsive frontend implementation while following **Agile methodologies**.

TECHNICAL SKILLS

Frontend: JavaScript, HTML, CSS, Tailwind CSS, React.js

State Management: Context API, Redux

Backend: Java, NodeJS

Cloud: AWS - EC2, S3, Lambda, RDS, CloudFormation, IAM, VPC, CloudWatch

Databases: MsSQL, MongoDB

Frontend Libraries: Material Tailwind, Material UI, Re-charts, Shadcn-UI

Developer Tools: Gitlab, Visual Studio Code, Eclipse, Compass, Insomnia, IntelliJ

PROFESSIONAL EXPERIENCE

Wipro | Full-Stack Developer

Hyderabad, India | June 2022 – Present

Customer First Platform | US-Bank | *NodeJS, Typescript, React.js, CRON, MsSQL* Oct 2024 – Present

- Developed and optimized RESTful APIs with NodeJS, Typescript, **reducing API latency by 40%** and improving backend throughput for real-time service monitoring.
- Designed and implemented **Role-Based Access Control (RBAC)** to secure multi-level executive dashboards, ensuring compliance and controlled access across channels, functions, and sub-functions.
- Built interactive **Health Dashboard** to track channel, function, and sub-function **SLA performance**, refreshing every 5 minutes with **automated batch jobs**.
- Implemented a configurable **notification system** (Email/SMS) with **CRON job scheduling**, enabling proactive alerts for SLA breaches and improving operational responsiveness.
- Integrated Observability module with transactions, errors, and response time analytics, providing 24-hour visibility, **anomaly detection (Nx spikes/drops)**, and SLA compliance tracking.
- Collaborated in Agile/Scrum environment with Git, Jira, Confluence, ensuring timely delivery of features and alignment with business requirements.

Pulse | US-Bank | *Typescript, React.js, Redux*

July 2023 – Jan 2025

- Developed Down Detector module with benchmarking dashboards and visual analytics, improving **outage detection** and **long-term monitoring** by **35%** across U.S. banks and ISPs.
- Engineered Trends Analytics module to deliver time-range insights (daily, weekly, monthly, quarterly) using charts, tables, and tabs, empowering executives with actionable decision-making data.
- Built DIY Onboarding module for channels/functions/sub-functions with search, filters, and pagination, streamlining admin operations and **reducing onboarding effort by 25%**.
- Developed HealthHub module to track **scheduled jobs** with retry logic, error handling, and historical analytics, improving reliability and transparency of SLA monitoring processes.
- Implemented Audit module to validate query health across Kibana, Splunk, Datadog, and MS SQL, showcasing statuses (Healthy, Warning, Critical) and improving observability for backend jobs.
- Authored automated unit and integration tests with JUnit, Mockito, and Jest, increasing test coverage and **reducing production defects by 25%**.
- Diagnosed and resolved fullstack issues across Java backend, React frontend, and database layers, **boosting system uptime by 15%** and **ensuring smooth release cycles**.

PROJECTS

ClimaTre | *JavaScript, HTML, Tailwind CSS, Shadcn-UI, Framer Motion, Git* | [link](#)

Dec 2024

- Designed and developed interface for using JavaScript, React.js
- Integrated **Open Weather API** with front-end code base to stay updated with a detailed 5-day weather forecast, including temperature, precipitation, and wind speed
- visualize the actual temperature and “feels like” temperature with easy-to-read graphs using **Re-Charts**.
- Add your favorite locations to quickly access weather information for the places that matter most to user and display in home page.
- Implemented light and Dark mode features.

GitHub Contribution Calendar | *Typescript, HTML, Tailwind CSS, Shadcn-UI, Git* | [link](#)

Jan 2025

- Users can log in using their GitHub username and personal access token
- Implemented **user authentication** to verify username and token.
- Displays the user’s **GitHub contribution history** in a calendar format.
- Users can select different **themes** for the contribution calendar.
- Provides detailed information on contributions and highlights different levels of contributions.
- Fetches user contribution data from **GitHub API** using **GraphQL**.

EDUCATION

Vignan’s LARA Institute of Technology & Sciences

Bachelor of Technology in Electronics and Communication Engineering – 8.3 CGPA

Vadlamudi, Andhra Pradesh

June. 2018 – July 2022

CERTIFICATIONS

- AWS Certified Cloud Practitioner
- Java Full-stack certification from Great Learning
- Google Cloud Gen AI - L1,L2,L3 Certifications
- Responsive Web design from freecodecamp
- Springboot certification from Wipro PJP