

N. Venkata Narendra
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4 years of experience as a MEVN & MERN stack developer

Professional Summary:

- **Full Stack Development:** Expertly developed, tested, and debugged dynamic web applications, leveraging **Node.js**, **Express.js** for robust backend logic, and JavaScript, **TypeScript**, **React.js**, and **Vue.js** for dynamic front-end interfaces, navigation, and validation.
- **Microservices Development:** Designed, developed, and integrated scalable microservices and RESTful APIs using Node.js and Express.js for over 30 tools (Jira, GitLab, Bitbucket, ADO, SonarQube), streamlining data collection and ensuring seamless data interactions.
- **Performance Optimization:** Significantly reduced build times leveraging Vite, optimized applications for speed and scalability, implemented API response caching with Redis, and enhanced productivity in large-scale applications.
- **Front-End & UI/UX:** Crafted responsive user interfaces with React.js, employing modern React features (hooks) and managing application state (Pinia, Vuex, Redux). Implemented SEO and SSR in Vue.js projects for enhanced visibility.
- **Data & Database Management:** Designed and integrated databases using SQL Server, MySQL, and MongoDB with **Node.js** for data integrity and security. Created intuitive data visualization dashboards.
- **DevOps & CI/CD:** Utilized Git for version control and established robust CI/CD pipelines using **Azure DevOps** and GitLab CI for automated builds, testing, and deployments, including artifact creation.
- **Cloud & Storage:** Implemented AWS S3 for file storage, integrating AWS SDK for seamless front-end operations.
- **Collaboration & Project Management:** Actively participated in code reviews, implemented bidirectional communication with Socket.io, developed mitigation strategies, and collaborated with stakeholders and project managers to meet timelines and improve project outcomes.

Education:

| Course | | Board/University | Year | Percentage/CGPA |
|---------|--|----------------------------------|------|-----------------|
| B. Tech | | Usha Rama College of Engineering | 2021 | 7.0 |
| XII | | SGP Junior College | 2017 | 91.5 |
| X | | ZPHS | 2015 | 8.8 |

Experience:

- Working as “**Software Engineer**” at **Qentelli Solution Pvt Ltd.**, Hyderabad since Nov 2021

Rewards & recognition:

- Recognized & Rewarded as a **Team Player** for consistently contributing to multiple products and playing a pivotal role in achieving significant project success through hard work and collaboration.

Technical Skills:

- Web Technologies : **Html, CSS**
- Scripting Languages : **JavaScript, TypeScript, React.JS, Vue.JS, Node.JS**
- Databases : **MySQL, MongoDB**
- Data Formats : **XML, JSON, JSX**
- Web Services : **Restful, Options**
- Tools : **Jira, Postman, GitLab, Docker**
- IDE : **Eclipse, Visual Studio**
- Build Tools : **Vite,Webpack**

Projects:

1. **Title:** Q-Insurance (Solo Developer)

Clients: Accelq

Environment: Vue.js, Node.js, Express.js, MySQL, Azure DevOps

Description:

Developed a comprehensive insurance management system as the sole technical resource, handling every phase from architecture design to live deployment. The platform streamlines user registrations, policy management, claims, and reporting for multiple stakeholders. Integrated Azure DevOps for efficient work item tracking, automated CI/CD release pipelines, and artifact management to support robust delivery and deployment.

Key Contributions:

- Built the complete frontend with Vue.js for dynamic, user-friendly interfaces.
- Designed RESTful APIs and business logic using Node.js and Express.js.
- Architected MySQL databases ensuring reliable, scalable storage.
- Automated build, test, and deployment workflows using Azure DevOps.
- Managed the product lifecycle: requirements, development, testing, deployment, and support independently.

2. **Title:** TED

Clients: Disney, SWA, Hilti, Kunnect, Brierly

Environment: Vue.js, TypeScript, Quasar, Pinia, Node.js, Redis, MySQL, ECharts, amCharts.

Description:

Designed and implemented a data-centric platform unifying real-time project metrics and multi-tool data for executive dashboards. Enabled automated analysis, streamlining project oversight, and enhancing decision-making for diverse engineering teams.

Key Contributions:

- Developed dynamic UI with **Vue.js** and **Quasar** for KPI visualization and platform operations.
- Optimized application performance by **30%** through refined Vue.js components, database queries, and **Redis** API response caching.
- Implemented **Node.js RESTful APIs** for secure, scalable communication and integrated state management with **Pinia**.
- Established **Role-Based Access Control (RBAC)** for admin users and integrated third-party services, ensuring secure data access and extended functionality.

3. Title: Micro Services Development

Client: Disney, SWA, Hilti, Kunnect, Brierly

Environment: Node.js, MySQL, MongoDB, aws-sdk, socket.io

Description:

Developed 30+ microservices to aggregate data from tools like ADO, Jira, Bitbucket, GitLab, and ServiceNow, transforming and storing required data in JSON format for streamlined database management and efficient access.

Responsibilities:

- Integrated external APIs across multiple tools to enable seamless data interactions.
- Built end-to-end **microservices**, ensuring scalable and efficient functionality.
- Implemented real-time communication with backend servers using **Socket.io**.
- Leveraged AWS SDK for secure, multi-tool authentication and access management.

4. Title: QADMIN

Environment: Vue.js(vue2), Vuex, Vuetify, Node.JS, MySQL.

Description:

Designed and Developed admin application which is a common one for all Qentelli SaaS products. Maintained all the user license's details and license upgradation of individual user.

Responsibilities:

- **Developed and maintained** a dynamic admin panel using **Vue.js** and **Vuetify**, providing a seamless user interface for managing platform operations.
- **Integrated state management** with **Vuex**, ensuring efficient handling of application data and enhancing performance across the admin panel.
- **Designed and implemented RESTful APIs** using **Node.js**, facilitating secure and scalable communication between the frontend and backend services.
- **Built and optimized MySQL databases**, creating efficient schema designs and queries to handle large datasets for reporting and analytics.

5. Title: Idea Board

Client: Qentelli

Environment: JavaScript, NodeJS, React JS, Material UI, MySQL

Description:

Developed an internal SPA platform for Qentelli, enabling idea sharing, post creation, and bug reporting for internal products. Integrated Microsoft authentication for secure access via organizational email, streamlining collaborative innovation across teams.

Responsibilities:

- Sole developer responsible for full project lifecycle, from planning to deployment.
- Implemented real-time notifications with **Socket.io** and managed application state using **Redux**.
- Configured client-side routing with React-router-dom for seamless navigation.
- Conducted weekly deployments and version control using **GitLab**.