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Description automatically generated](https://www.credly.com/badges/dd25b6b0-e0ae-4d63-957a-feacde82d8da/public_url)SURESH A****NDE**

**Sr. Node.JS Developer/Backend Developer**

**Professional Summary:**

Highly skilled Backend Node.js Developer with 10 years of experience designing and implementing scalable enterprise backend systems. Expert in Node.js, Express.js, and GraphQL/REST APIs with strong focus on microservices architecture, event-driven design, and cloud-native deployments (AWS, Docker, Jenkins). Proficient in integrating with MongoDB, PostgreSQL, and Redis, along with implementing secure authentication via OAuth2/JWT. Proven ability to build high-performance, resilient APIs using message brokers like Kafka and RabbitMQ. Strong advocate of CI/CD pipelines, container orchestration, and backend optimization for cloud environments.

**Education**

* George Mason University | Master’s in computer science| 2019-2020
* Amrita University | Bachelor’s in computer science| 2011-2015

**Professional Experience:**

**Client: Mastercard, Dallas, TX Jan 2023 to Present**

**Role: Sr. Node.js Developer/Backend developer**

**Responsibilities**

* Developed high-performance backend services using Node.js and Express.js, supporting secure and real-time payment processing.
* Designed and implemented GraphQL APIs integrated with MongoDB for flexible and efficient data access.
* Deployed microservices to AWS EKS using Docker and automated CI/CD pipelines with Jenkins and Helm.
* Ensured API security using JWT and OAuth2, integrated with enterprise SSO.
* Built asynchronous data processing with Kafka and optimized backend performance using Redis and MongoDB indexes.
* Implemented real-time transaction alerts using WebSocket’s and AWS Lambda for serverless functions.

**Client: Clover Health, Remote Apr 2021 to Dec 2022**

**Role: Sr. Node.js Developer/Backend developer**

**Responsibilities:**

* Developed healthcare backend microservices using Node.js, ensuring HIPAA compliance and secure API integrations.
* Built RESTful and GraphQL services interacting with PostgreSQL, MongoDB, and Redis for optimized healthcare workflows.
* Integrated RabbitMQ for inter-service communication and terraform for infrastructure-as-code.
* Implemented authentication and access controls using JWT and OAuth2.
* Deployed services to AWS ECS with Docker, and automated deployments using CloudFormation and Jenkins.

**Client: Huntington Bank, Columbus, OH Aug 2019 to Mar 2021**

**Role: Node.js Developer**

**Responsibilities:**

* Built scalable banking APIs using Express.js and GraphQL, handling complex nested financial data.
* Integrated Kafka for event-driven transactions and real-time data streaming.
* Worked with Oracle, Cassandra, and Redshift to support high-volume financial analytics and reports.
* Ensured high availability and fault tolerance using Docker and Kubernetes, deployed via Jenkins pipelines.
* Developed secure authentication modules with LDAP, OAuth2, and JWT.

**Client: Attra InfoTech, Bengaluru, India Jun 2015 to Dec 2018**

**Role: Associate Java Developer**

**Responsibilities:**

* Migrated legacy Java applications to Node.js microservices architecture.
* Refactored monoliths into modular services using Express.js and integrated with MongoDB.
* Built RESTful APIs and implemented core backend logic for financial modules.
* Used design patterns such as DAO, Singleton, and Factory in Node.js codebase for better maintainability.
* Worked on database interaction using Sequelize and Mongoose ORM libraries.