Abhishek
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Professional Summary

- Over 5+ years of extensive experience encompassing the entire Software Development Life Cycle (SDLC), including system study, analysis, design, programming, implementation, and management of Business Applications.
- Experience in designing, coding, and debugging full-stack web applications. Proficient in JavaScript (ES6+), TypeScript, and the MERN stack. Demonstrated ability to troubleshoot complex problems and consistently deliver high-quality solutions.
- Previous roles have involved leading teams to successful project completion and introducing new technologies to enhance product functionality.
- Strong expertise in designing and developing scalable, full-stack applications using the MERN stack (MongoDB, Express.js, React.js, Node.js) and related frameworks.
- Proficient in developing RESTful APIs using Node.js and Express.js, and experienced in integrating with various third-party services.
- Experienced in Service-Oriented Architecture (SOA) and Microservices architecture using Node.js.
- Well-versed in common API security patterns like JWT, OAuth, and PING.
- Hands-on experience with Mongoose ORM for mapping complex domain models and managing data in MongoDB.
- Proficient in building asynchronous, non-blocking applications with Node.js and optimizing React components for performance using hooks, context, Redux, and memoization.
- Adept at designing elegant and robust solutions through a solid foundation in algorithmic thinking, data modeling, and proven architectural patterns.
- Known for blending deep technical knowledge with pragmatic problem-solving to deliver resilient systems that scale.

Technical Skills

- **Frontend:** React.js, Redux, Context API, React Router, Next.js (SSR), HTML5, CSS3, JavaScript (ES6+), TypeScript, Material-UI, Bootstrap

- **Backend:** Node.js, Express.js, Mongoose, RESTful APIs, Microservices

- **Databases:** MongoDB, SQL, PostgreSQL, Oracle

- **Cloud & DevOps:** AWS, OpenShift, Docker, Jenkins, CI/CD

- **Testing:** Jest, React Testing Library, Mocha, Chai

- **Tools:** Git, JIRA, Swagger, OAuth, Gradle, Dynatrace

Educational Profile

Shriraminstituteoftechnology - India | Master of Technology

InformationTechnology(IT),
06/2018

GPA: 8.45/10

SRIT Jabalpur (India) - Bachelor of Engineering
InformationTechnology , 05/2010GPA:8.3/10

Certifications

- AmazonWebServices (AWS) Cloud Practitioner, 08/22, till Present
- IBM WebSphere Message Broker V8.0, Solution Development, 11/14, till Present

Work History

RaysITPVT.LTD | 03/2024- Current.
PNC Financial Services - , Raipur india.
Company Overview: PNC is one of the largest banks in the United States, operating front-end and back-end data centers, supporting various projects, including asset management, healthcare banking, credit, retail banking, and residential mortgage banking.
Responsibilities:

- Led the migration of a legacy front-end application to a modern React.js micro-frontend architecture, developing backend microservices in Node.js
- Architected RESTful APIs using Express.js for different modules, ensuring scalability, flexibility, and security.
- Developed and maintained CI/CD pipelines using Jenkins for continuous integration and delivery of MERN stack applications.
- Architected and implemented WebSocket-based solutions with Node.js to process real-time data from upstream systems.
- Implemented JWT, OAuth, and PING (IAM) for service security and access control.
- Utilized Swagger for API documentation and validation.
- Designed and implemented OpenShift deployment strategies for containerized React and Node.js applications using Docker and Kubernetes.
- Mentored junior developers on best practices for React.js development (hooks, state management), code quality, and component-based architecture.

Environment: React.js, Node.js, Express.js, MongoDB, Jenkins, CI/CD, Kafka, OAuth, PING (IAM), Swagger, OpenShift, Docker, Kubernetes, Dynatrace, Red Hat OpenShift, Groovy, Gradle, Bitbucket.

Software Developer | 01/2019 - 03/2024
Maruthi Technologies LLC DBA Anblicks - Strongsville, OH
Client: PNC Financial Services.

Company Overview : PNCis one of the largest banks inthe United States, operating front-end and back-end data centers,supporting various projects, including asset management, healthcare banking, credit, retail banking, and residential mortgage banking.

Responsibilities:

- Developed common Express.js middleware for error handling, logging, and email notifications.
- Analyzed and elaborated on business rules in collaboration with the business team.
- Acted as a Subject Matter Expert (SME) for Node.js services, providing support to fellow developers and resolving issues.
- Developed complex data transformations and business logic within Node.js applications.
- Contributed to the modernization of monolithic services into a Node.js microservices architecture

Environment: Node.js, Express.js, Spring Boot, OAuth, IAM, Docker, Kubernetes, Oracle, Dynatrace, Red Hat OpenShift, Groovy, Gradle, JUnit, Swagger 2.0, Bitbucket.

Software Developer | 07/2018 - 01/2019

Maruthi Technologies LLC DBA Anblicks - Oakbrook, IL

Client: ComEd, Oak Brook, IL.

Company Overview: ComEd is engaged in upgrading its IBM Middleware to Version 8, including infrastructure enhancements to support Oracle MDM v2 Foundational Release, and BI/Reporting AMI solutions.

Responsibilities:

- Designed and developed Node.js backend services and message-driven flows for processing utility data.
- Collaborated with business teams to analyze business rules and requirements.
- Implemented SSL and developed common Node.js modules for error handling and logging.
- Configured process schedules and developed shell scripts for automation.

Environment: Node.js, IBM DB2, SOAPUI, RFHUtil, WSDL, XML, UNIX, Windows Server 2003, Java, J2EE, JDBC

Rays IT pvt ltd. | 02/2017 - 06/2018 Project: Patient Data Management Portal (Healthcare)

GANNON UNIVERSITY - Raipur india

- Developed a HIPAA-compliant Patient Data Management Portal using the MERN stack to register and maintain records
- Built a secure RESTful API with Express.js and Mongoose for CRUD operations on patient records stored in MongoDB.
- Implemented user authentication and role-based access control (RBAC) using JWT to ensure only authorized medical staff could access sensitive data.
- Designed and developed responsive UI components in React.js for patient registration, medical history tracking, and appointment scheduling

Environment: React.js, Node.js, Express.js, MongoDB, Mongoose, JWT, HTML5, CSS3, SVN Client, Tomcat Server, SQL Server 2008, Oracle 10g.