Vinay Chowdry

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Summary

- Around 4 years of experience as a Full Stack Developer, specializing in Frond-end development, Back-end development, DevOps, and SDLC processes.
- Extensive experience in developing front-end applications using HTML5, CSS3, JavaScript, Bootstrap, AngularJS, Angular, React, and Node.js.
- Skilled in back-end development using Java, Spring Boot, Hibernate, and Spring JPA, in designing and implementing RESTful APIs.
- Experience with cloud infrastructure automation, including AWS (EC2, S3, Lambda, CloudFront, ECS), Docker, Kubernetes, Jenkins, Tomcat, and Linux.
- Hands-on experience with developing and executing Shell scripts and automating deployments.
- Proven ability in building and deploying applications using Maven and Gradle, and in unit testing with Jest, Mocha, JUnit and logging with Log4J and Splunk.
- Good Knowledge of GitLab and version control tools like Git and SVN.
- Experience in NodeJS for Server-Side programming and database operations using MongoDB and MySQL.
- Experienced in all phases of the software development lifecycle (SDLC) with specific focus on the build and release of quality software.
- Strong knowledge of object-oriented programming (OOP), object-oriented design and implementation principles.
- Strong written and oral communication skills, with experience in managing daily communication with offshore development teams.

Experience

Verizon Wireless Systems   **Aug 2023 to Current**
Software Developer

- Architected scalable backend systems and developed robust RESTful APIs using Java, Spring Boot, design patterns, Hibernate, and J2EE technologies like JDBC, JSP, and Spring MVC handling millions of transactions.
- Optimized MySQL database operations using Spring Boot and JDBC, achieving a 20% improvement in query performance and transaction efficiency.
- Developed responsive front-end applications using Angular, enhancing overall user experience by achieving a 30% increase in page load speed.
- Implemented state management in Angular using NgRx, resulting in a 40% improvement in application performance.
- Employed Docker and Kubernetes for containerization, ensuring consistent and scalable application deployments across environments.
- Operated CI/CD pipelines using Jenkins for automated builds, tests, and deployments, resulting in a 50% reduction in deployment times and doubling release frequency.
- Carried out comprehensive unit and integration tests with Jest, Junit and Mockito, increasing test coverage by 20% and reducing post-release defects by 15%.
- Led a team of 5 developers through Agile sprints, improving teamwork and ensuring on-time project delivery.
- Utilized JIRA extensively for organizing issues, tracking work, and monitoring team activity, ensuring organized workflows throughout the SDLC.

Infosys   **Sep 2020 to Jul 2022**
Software Engineer

➢ Client: T-Mobile

  • Led migration of legacy Java components to a modern JavaScript architecture using Angular for frontend and Node.js for backend, reducing development time by 30%.
  • Implemented RESTful APIs with Node.js, migrating SOAP services and achieving a 40% improvement in API response times through optimized JSON formatting and HTTP integration.
  • Developed optimized stored procedures and SQL queries, increasing application performance by 50% through efficient data retrieval.
  • Updated and migrated legacy AngularJS applications to Angular, leveraging TypeScript and Angular CLI by achieving over 40% efficiency
  • Utilized Apache Kafka for building and managing real-time data pipelines, ensuring efficient data flow between applications.
  • Monitored application performance and troubleshoot issues using Splunk for log analysis.
  • Performed code reviews, providing constructive feedback to enhance code quality and adherence to best practices.

- Reduced issue resolution time by 30% using JIRA, ensuring 95% customer satisfaction across the SDLCby engaging in requirement analysis, design, development, maintenance, and testing processes.

➢ Client: Comcast

- Reduced issue resolution time by 30% using JIRA, ensuring 95% customer satisfaction across the SDLCby engaging in requirement analysis, design, development, maintenance, and testing processes.
- Created dynamic single-page applications (SPAs) using Angular, enhancing user experience and performance by leveraging Angular directives, components, filters, services, directives, modules, and events.
- Implemented RxJS in Angular for asynchronous data handling and applied lazy loading techniques in angular modules, cutting initial load times by 50%.
- Utilized Angular accessibility features such as keyboard navigation and focus management to enhancethe accessibility of interactive components and widgets.
- Integrated third-party libraries and APIs to enhance application functionality, resulting in a 15% increase in application features.
- Employed PostgreSQL for database management and optimization, achieving efficient data retrieval and storage.
- Deployed applications on AWS using services such as S3, CloudFront, and Route53, improvingapplication performance by 30%
- Documented RESTful APIs comprehensively using Swagger; conducted thorough API testing andintegration using Postman.
- Optimized application performance and ensured seamless user experience across devices through performance testing, browser compatibility checks, and bug resolution using Chrome Developer Tools.

Sundaram Finance   **Jan 2019 to Sep 2020**
Software Engineer

- Developed and maintained web applications using React JS, Node JS, HTML5, CSS3, TypeScript, AngularJS, and Bootstrap-4.
- Engineered robust and secure REST APIs using Node.js, reducing API response times by 30%.
- Implemented authentication and authorization mechanisms using JWT tokens and OAuth protocols.
- Developed REST APIs using Express.js, involving a set of MongoDB queries that utilize aggregate and bulk operations.
- Implemented TDD (Test Driven Development) by creating test cases using Protractor, leading to 20% reduction in testing time through automation.
- Worked closely with other senior developers, product managers, system architects, and the QA team to deliver optimal designs and software to meet and exceed expectations.
- Provided customer support and integrated existing products with workflow manager, resulting in a 25% increase in customer satisfaction.
- Executed Agile and Scrum methodologies to deliver high-quality software products on time, achieving a 20% improvement in sprint delivery efficiency.
- Managed the SDLC phases including analysis, design, development, testing, and deployment for multiple projects.

Skills

- **Programming Languages**: Java, Python, JavaScript, TypeScript and PHP
- **Web Technologies**: HTML/HTML5, CSS/CSS3, XML, JavaScript, AJAX, jQuery, JSON, UI/UX
- **JavaScript Libraries**: Node JS, AngularJS, Angular, React JS, Bootstrap
- **Package Managers**: NPM, Gulp
- **IDE's and Tools**: Eclipse, Sublime text, Visual studio code, IntelliJ, Developer Tools
- **DevOps Tools:** Jenkins, Docker, Kubernetes, CI/CD, EKS
- **Build Tools**: Maven, Gradle
- **Streaming Platforms**: Apache Kafka

- **Operating Systems**: Window, Linux, Unix, MAC OS
- **Cloud Technologies**: Amazon Web Services, EC2, S3, VPC, IAM, Lambda, Cloud Watch, Route 53, AWS CLI
- **Design Methodologies**: Agile Methodology, Scrum, waterfall model, J2EE design patterns
- **Code Version Tools**: SVN, Git
- **Testing Tools**: Junit, Postman, Jest, Mocha, Karma, Selenium, Soap UI, Mockito, Swagger UI, Protractor
- **Atlassian Product Suite**: Jira, Bitbucket, Confluence
- **ORM Framework**: Hibernate, DAO, JPA, AOP
- **Database Tools**: SQL Server, MySQL, DynamoDB, NoSQL, MongoDB, PostgreSQL

Education

- University of Cincinnati
  Master of Science, Information Technology

- Jawaharlal Nehru Technological University
  Bachelor of Technology, Information Technology