

Vinay Chowdry

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Summary

- Around 4 years of experience as a Full Stack Developer, specializing in Front-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 SDLC by 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 SDLC by 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 enhance the 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, improving application performance by 30%.
- Documented RESTful APIs comprehensively using Swagger; conducted thorough API testing and integration 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 Software Engineer

Jan 2019 to Sep 2020

- 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

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| <ul style="list-style-type: none">• 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 | <ul style="list-style-type: none">• 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 |
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Education

- University of Cincinnati
Master of Science, Information Technology
- Jawaharlal Nehru Technological University
Bachelor of Technology, Information Technology