PARIMAL DONGA
SOFTWARE DEVELOPER

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SUMMARY

Software Developer with over 3+ years of experience in designing, developing, and deploying robust web applications. Proficient in Java, Python, JavaScript, React, and Spring Boot. Expertise in cloud platforms AWS and Azure, alongside strong knowledge of DevOps practices, CI/CD pipelines, and microservices architecture. Skilled in utilizing Infrastructure as Code (IaC) Terraform and CloudFormation for efficient resource provisioning. Committed to optimizing application performance, enhancing user experiences, and driving innovation within agile development environments.

EDUCATION

Full Stack Software Development, Post Graduate Diploma   Sep 2022– May 2024
Lambton College, Toronto, Ontario

Information Technology, Bachelor of Technology   Jul 2017– Aug 2021
Nirma University, Ahmadabad, India

SKILLS

- **Programming Languages:** Java, Python, JavaScript, TypeScript, SQL, C++
- **Front-End Technologies:** React.js, Next.js, HTML5, CSS3, Bootstrap
- **Back-End Technologies:** Node.js, Express, Spring Framework (Spring Boot, Spring Data JPA), RESTful API
- **Database Management:** PostgreSQL, MongoDB, MySQL, DynamoDB
- **Cloud Technologies:** AWS (EC2, S3, Lambda, CodePipeline, CodeDeploy), Azure DevOps
- **DevOps Tools:** Docker, Kubernetes, Jenkins, Git, GitHub, Azure DevOps
- **Infrastructure as Code:** Terraform, CloudFormation
- **Testing Frameworks:** JUnit, Mockito, Jest, Mocha, Selenium
- **Project Management:** Agile Methodologies, Scrum, JIRA, CI/CD Implementation

EXPERIENCE

Adastra, ON, Canada   Jul 2023 – Present
Software Developer
- Developed a custom customer relationship management (CRM) platform using React.js for the front end and Node.js for the back end, enhancing user experience through an intuitive interface, leading to a 45% increase in user adoption.
- Implemented a data synchronization service using WebSocket with Express, allowing real-time updates across the platform, which improved operational efficiency by 30%.
- Designed and deployed a microservices architecture on AWS using Lambda and API Gateway, achieving greater scalability and cost savings, which reduced infrastructure costs by 25%.
- Managed database operations with PostgreSQL, optimizing queries and indexes that improved performance by 35%.
- Utilized Terraform for Infrastructure as Code (IaC), streamlining the setup of development and production environments, reducing deployment time by 50%.
- Integrated GitHub Actions for CI/CD, enabling automated testing and deployment, which reduced manual deployment efforts by 70%.
- Developed comprehensive unit tests using Jest, improving overall code quality and achieving over 90% test coverage.

Wipro Enterprises, India   Oct 2020 – Jul 2022
Software Engineer
- Developed a comprehensive employee management system using React.js for the front end and Spring Boot for the back end, which streamlined HR processes and improved operational efficiency by 30%.
- Created an automated regression testing framework using Python and Selenium, significantly reducing manual testing efforts and increasing overall test coverage by 60%.
- Built a reporting dashboard using D3.js, enabling stakeholders to visualize key performance indicators, enhancing decision-making capabilities and reducing report generation time by 50%.
- Implemented a secure user management system with Spring Security, improving data protection and compliance with industry standards, reducing security incidents by 40%.
- Managed API integrations with third-party services for payroll processing, ensuring seamless transactions and compliance with financial regulations.
- Streamlined CI/CD pipelines using Jenkins and Docker, automating deployment processes and reducing downtime during releases by 30%.
- Actively participated in Agile practices, facilitating sprint planning and reviews using JIRA, which enhanced team collaboration and project transparency.

PROJECTS

Connect-z | Java, JDBC, MySQL, Eclipse
- Engineered a Spring MVC Java web application utilizing JPA, MySQL, and Thymeleaf to compare movie ratings and evaluate user preference similarities.
- Incorporated the Anilist GraphQL API to dynamically fetch movie data for real-time comparisons.
- Implemented user authentication and authorization mechanisms, ensuring application security through role-based access controls and an admin panel for user management.
- Employed SOLID principles and design patterns to improve code maintainability and scalability throughout the application.

Portfolio Website | JavaScript, ReactJS, Redux, NoSQL
- Crafted user interactions on web pages with meticulous attention to detail, resulting in a robust front-end and back-end experience.
- Created a suite of interactive JavaScript games, such as click-fast and ping-pong, showcasing my capability to develop engaging and user-friendly web applications.
- Developed a dynamic portfolio website to highlight my skills in JavaScript, React, Redux, and MySQL.