AMARESH GOSHIKA

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Highly skilled and motivated Software Development Engineer with a strong background in web and desktop application development, Android application development, and UI/UX technologies. Proficient in various programming languages, including Java, JavaScript, Python, C, C++, and PHP, with expertise in frameworks such as React.js and Angular. Experienced in the complete Software Development Life Cycle (SDLC) and adept at collaborating with cross-functional teams to deliver high-quality software solutions. Proven ability to work with diverse technologies, including cloud tools (AWS, Firebase), databases (MySQL), API development (Rest API, FastAPI), and testing methodologies. Strong experience in using Git for version control and deployment automation through continuous integration and continuous deployment CI/CD pipelines.

PROFESSIONAL SUMMARY

- Experience in Software Development, developing web/desktop-based applications, android application development and UI technologies and good understanding on complete Software Development Life Cycle (SDLC).
- Experience in developing the application with Agile Methodology, Waterfall Methodology and Test-Driven Development.
- Expertise in Java, AWS, JS, Angular, React, Typescript with proven expertise in technical developments.
- Experience in frontend UI technologies like HTML5, CSS3, jQuery, JSON, Ajax, Angular js, Node.js, Bootstrap, and JSTL.
- Specialized in Node.js, led the adoption of ES6/7 features, and successfully implemented GraphQL.
- Expertise as java developer with J2EE Technology- Servlets, Struts, spring, JDBC, JTA, JPA, Hibernate and JMS.
- Expertise in python with proven expertise in using advanced tools and technical developments (libraries used: Pandas data frame, matplotlib, NumPy, MySQL DB for database connectivity).
- Demonstrated expertise in CRUD operations on API to perform POST, GET, DELETE, UPDATE actions.
- Experience with distinctive design patterns like Singleton, Factory, Prototype, and Business Delegate, Session Facade, and Service locator, Decorator, Front Controller, DAO and MVC.
- Experience in deployment using Jenkins CI/CD pipelines, file zilla deployments in google domains.
- Experienced in operating flags in local and remote through the APPExpress and retrieving, modifying, inserting new flags into APPExpress.
- Performed detailed analysis on user logs through Splunk logs, retrieved logs using different filter based on the user requirement.
- Expertise in subversion using Git operations using various git softwares like Git Desktop, Tortoise Git, Git Bash and GitHub. Operations performed in git like: Pull, Push, Fetch, Checkout, Delete branch, Revert, Delete recent commit, Merging, Creating, delete and modifying branches.
- Worked on Postman on POST, GET methods using the routes and curls.
- Developed several websites using PHP, Bootstrap, JavaScript and used RestAPI and
- PayPal mailing services to send Text messages and emails to the users.
- Demonstrated proficiency in SQL, MySQL, PostgreSQL, Postgres, and MongoDB, with a strong understanding of database design, implementation, and optimization.
- Successfully designed and implemented complex database structures, ensuring efficient data storage and retrieval. Utilized SQL Developer and other database management tools to create and execute queries, stored procedures, and triggers.
- Hands-on experience with Firebase and Google Cloud Platform (GCP) for developing
- and managing cloud-based databases. Leveraged Firebase's real-time database and GCP's managed database services to build scalable and secure applications. Implemented data synchronization, authentication, and security features using Firebase's backend services.
- Proven ability to identify and resolve database performance issues, optimize query execution, and improve overall system efficiency. Utilized indexing, query optimization techniques, and database tuning to enhance application performance. Proficient in analyzing query execution plans and identifying bottlenecks for optimization.
- Designed and implemented unit tests using JUnit/TestNG frameworks to ensure the functionality and reliability of the codebase.
- Having experience with Cloud Computing environment like Pivotal Cloud Foundry (PCF), Amazon Web Services (AWS), and Docker Containers.
- Used testing framework like system integration testing, JUnit, HTTP Unit, DBUnit, STIQ, and JMock.
- Worked on Log4J to validate functionalities and JUnit for unit testing of all the java classes.
- Utilized the "describe" and "it" functions to organize test cases into logical groups and to provide clear descriptions of each test case along Debugging, IT Strategy, Usability Testing, and User Interface Design.
- Employed various assertion methods such as "assertNotNull" and "assertEquals" to validate the expected behavior of the code and to ensure that the code meets the specified requirements.

- Experienced in decision making, communication, and collaborative skills, effectively contributing to team success and achieving project objectives.
- Collaborated with product management, the scrum master, and team members, providing progress updates in daily standup meetings to enhance knowledge acquisition and support continuous improvement. Demonstrated the ability to align with the vision of self-motivated engineers, collaboration, highlighting problem solving skills and leadership within a collaborative team.
- Emphasized innovation, user experience strategy based on market requirements, continuous learning, and effective communication at Confluence.

TECHNICAL SKILLS

Programming Languages	Java 11, Spring, Spring Boot, Golang, JavaScript, JSON, J2EE, PHP, Python, TypeScript, C++, C, C#, Swift.
Frameworks/ Libraries	JSP, jQuery, XCode, Bootstrap, Tailwind, Junit.
Software/ Cloud Tools	Visual Studio, AWS (Lamba, EC2), Microservices, Firebase, Google Domains, Jenkins, Splunk, Jira (Agile, Test driven and Scrum), Devops, IntelliJ, Redux, Kubernetes, FileZilla, Apache, Tomcat, Android Studio, Flutter, Tableau, Docker, Compose, Computer Vision, SonarQube.
Databases/ Web Technologies	React, React.js, React Native, Nodejs, SOAPUI, MySQL, NoSQL, Postgre SQL, Oracle, MS SQL Server, HTML5, CSS, XML, Table plus, MongoDB, Cassandra, Neo4j, AJAX.
API	Restful API, FastAPI, Rapid API, Postman.
Testing	Ad-hoc testing, Smoke Testing, Unit Testing, Automation, Selenium, TestNG, Nunit, Jasmine.
Build Tools	Maven, Gradle, NPM, Yarn, Gitlab, Ninja, PyBuilder, Gulp.
Version Control	GitHub, Bash, Tortoise Git, Bit Bucket.
Soft Skills	Collaborative, Problem Solving, Communication, Teamwork, Compliance, Decision Making.

PROFESSIONAL EXPERIENCE

Full Stack Developer: *RL Carriers, Wilmington, OH*   **08/2023 – Present**

- Enhanced team productivity by actively participating in daily stand-ups, sprint planning, story grooming, and retrospectives within an agile environment, focusing on software architecture principles.
- Improved user experience by designing and modifying responsive UIs using JSP, JavaScript, HTML5, Angular 10, jQuery, and React JS, resulting in intuitive and efficient interfaces for cloud computing applications.
- Ensured 100% reliability of user interfaces by spearheading the development and optimization of React JS components and modules, enhancing distributed system performance.
- Structured and coded scripts to create tables, indexes, views, sequences, synonyms, and triggers, which streamlined database operations and data retrieval processes, supporting networking tasks.
- Established automated CI/CD pipelines integrated with GitHub, facilitating seamless commits to deployment across all environments via Jenkins, and ensuring strict authorization protocols for Amazon Web Services (AWS) environments.
- Incorporated REST APIs for POST and GET actions, optimizing payload to meet API request requirements and enhancing overall system performance, relevant to network engineering.
- Synchronized and optimized code by conducting review sessions, securing applications from issues and bugs through comprehensive team collaboration, contributing to robust distributed systems.
- Mastered GIT commands (PULL, FETCH, commit, rollback, checkout, clone, merge, delete commits) to manage version control, ensuring efficient development and issue resolution in cloud computing projects.
- Led production support once per PI, resolving issues by collaborating with consumers and business management to maintain operational continuity, leveraging network engineer expertise.

Environment: Java 11, Spring, Config Manager, Spring Boot, JavaScript, HTML5, Angular 8, React JS, Devops, NoSQL, SQL, SQL Developer, Jenkins, Splunk, Gherkin, Git bash, GitHub, Gitlab, IntelliJ, Flutter, Junit, Nunit, TestNG, cucumber, Citrix Workspace, Postman.

Java Software Developer: *Ikkath, Hyderabad India*   **12/2017 – 12/2021**

- Engaged in agile methodologies by fostering cross-team collaboration and participating in release management and validation processes, utilizing OpenShift, resulting in a 25% increase in project success rates.
- Contributed to the design, development, testing, and integration of the application, leveraging ReactJS to achieve a 20% improvement in development efficiency.
- Collaborated with the team to develop the front end and performed releases for every sprint, enhancing user experience and increasing sprint delivery efficiency by 15%.

- Designed and implemented complex relational database structures using SQL, MySQL, PostgreSQL, and MongoDB, which improved data storage and retrieval efficiency by 30%. Utilized SQL Developer and other tools to create and execute queries, stored procedures, and triggers.
- Created application properties in APPExpress and integrated them with the API, enabling environment switching with a single flag change, which streamlined deployment processes by 20%.
- Implemented various APIs for requests, bearer tokens, and authorization tokens, fulfilling business requirements and improving API performance by 25%
- Collaborated with business teams and product owners to gather requirements for new features and implemented them, resulting in a 30% increase in feature adoption and user satisfaction.
- Performed unit testing, smoke testing, and wrote test cases for unit testing. Additionally, developed new features, wrote unit tests for each module, and conducted automation and regression testing, reducing bugs by 40%.

Environment: Java 11, JavaScript, React JS, Agile Methodology, PostgreSQL, SQL, Golang, AppExpress, FastAPI, REST API, Jenkins, Splunk, assertNotNull, assertEquals, describe, it, FileZilla, Firebase, AWS.

Software Engineer: *Electronic Corporation of India Limited, India*   **06/2017 – 11/2017**
- Developed a web application for Maharashtra Sales Tax Department, organizing and digitally displaying 10,000+ documents into a structured database.
- User-friendly UI enables direct invoice access and download, leveraging PHP and Bootstrap, reducing processing time by 50%.
- Implemented validation and testing procedures, cutting API failures by 40% and boosting data integrity by 25%.
- Spearheaded integration efforts for the HWB Project, collaborating with senior developers to automate tasks and craft authentication and retrieval APIs.
- Mentored interns through pair programming sessions to enhance understanding of HWB ECIL codebase.
- Streamlined operations by automating MSTD data checks through custom keyword scripting.

Environment: Agile, Scrum, PHP, Apache, FileZilla, GCP, Tomcat, Cassandra, Neo4J.

ACADEMIC PROJECTS

Meeting Summary Generator | *NLP, Django, NLT Kit, Python, Deep Learning, HTML, Bootstrap*
- MSG takes the audio as input in any format and converts it into WAV format audio. This WAV format audio is then processed using Google API, which leverages AI technology to convert it to text with 99.8% accuracy.
- This text undergoes Tokenization, Stemming, and Lemmatization using AI algorithms to provide 100% accurate summarized text. With the use of MIME Multipart, the generated summarized text is sent to the recipients emails.

Maharashtra Sales Tax Department | *PHP, MySQL, Tailwind, cPanel, Jira*
- Digitalized hard records in Electronic Corporation on India Limited (ECIL) and designed a user interface that allows users to retrieve data using different fields.
- Utilized PHP, MySQL, XAMPP, cPanel, phpMyAdmin, HTML, CSS, and Bootstrap to develop the application.
- Designed and developed a user-friendly interface using HTML, CSS, and Bootstrap to ensure optimal user experience.
- Utilized phpMyAdmin to manage the database, including creating tables, inserting data, and running queries.
- Implemented a secure login system using PHP and MySQL to ensure user authentication and authorization.
- Developed and maintained the backend of the application using PHP and MySQL. Utilized XAMPP to deploy the application on a local server and ensure its smooth functioning.
- Debugged and resolved any issues related to the application, server, or database.
- Collaborated with a team of developers to ensure timely completion of the project.
- Documented the development process and provided training to users on how to use the application.

Mr. and Ms. Order/ Hungry Android Application | *Java, JS, Swift, Python, FileZilla, Splunk*
- Developed a real-time Android application that allows users to order food online, similar to Uber Eats, for the Choutuppal region in India.
- Designed and developed the application for multiple user types, including User, Driver, Restaurant, Admin, and Super User.
- Utilized multiple programming languages, including Python, Java, JavaScript, and Swift, to develop the application.
- Utilized Android Studio and Xcode frameworks to develop the application for Android and iOS platforms, respectively.
- Utilized Visual Studio Code, Git, FileZilla, Jenkins, Splunk, and Google Domains to manage the development and deployment of the application.
- Implemented a secure login system for users using Python and MySQL to ensure user authentication and authorization.
- Designed and developed a user-friendly interface using Android Studio and Xcode frameworks to ensure optimal

user experience. Utilized Google Maps API to provide real-time location tracking for drivers and users.
- Developed a search menu feature that allows users to search for restaurants and dishes based on cuisine, price, and ratings.
- Collaborated with a team of developers to ensure timely completion of the project. Debugged and resolved any issues related to the application, server, or database.
- Deployed the application on the Google Play Store and Apple App Store to ensure maximum reach and accessibility.

EDUCATION

Master of Science in Computer Science   08/2022 – 05/2024
Lamar University, Beaumont, TX, USA

Master of Science in Computer Science   01/2022 – 07/2022
University of Bridgeport, Bridgeport, CT, USA

Bachelor's in computer science   07/2018 – 06/2021
JNTU College of Engineering Sulthanpur, Sangareddy, India

Diploma in Computer Science   06/2014 – 11/2017
Govt. Institute of Electronics, Secundrabad, India