

Nitesh Kalyan Koliada

Full Stack Developer

Marietta, GA | nitesh.koli@itjobemail.com | 470-860-1967 | [LinkedIn](#) | [GitHub](#)

Summary

- **Almost 3 years** of experience in development as **Full Stack developer** with experience in **Software Development LifeCycle** Software analysis, design, architecture, development, design & integration using **Java/J2EE** technologies.
- Understanding of designing applications utilizing **HTML5, CSS3, and JavaScript**, as well as working with backend languages like **Python & Java**.
- Professional Web App development experience using **Python, Django, and Flask** inclusive of experience in UI using **JavaScript and React.JS**.
- Expertise in cloud computing, specializing in **Amazon Web Services (AWS)** and **Google Cloud Platform (GCP)**.
- Having a good working knowledge of **SQL** databases like **MySQL, SQL Server, PostgreSQL, and Sybase**.

Skills

Languages:	Java, Python, Bash, GO, JavaScript, and SQL
Web Technologies:	HTML, CSS, JavaScript, React, Node, Next, Bootstrap, XML, jQuery, JSON and AJAX
Python Stack:	Django, Flask, Pandas, NumPy, Tensorflow and Matplotlib
Java Stack:	J2EE, Core Java, Maven, Restful APIs, Spring MVC, Spring JDBC, and Microservices
Databases:	MySQL, SQL Server, PostgreSQL and Sybase
Cloud Technologies:	AWS, GCP (Google Cloud Platform)
Tools:	Postman, IntelliJ, GitHub, VS code, Neo4j, Pg Admin, ASE SQL, MQ Explorer, PyCharm, Jira, Confluence, Splunk, Putty, Mendeley Reference Manager, Terminus and MS Office suite
AI:	Machine Learning, Deep Learning, and NLP
SDLC:	Agile, Scrum, Waterfall, and TDD
Operating System:	Windows, Linux, and Mac OS

Education

Master of Science in Computer Science May 2023
Kennesaw State University, GA

Bachelor of Technology in Electronics and Communication Engineering July 2019
Gitam University, India

Experience

Data Interception, USA | Jun 2023 - Present
Full Stack Developer

- Discovered and resolved a crucial UI/UX inconsistency in the user registration workflow, enhancing user engagement and satisfaction, highlighting problem-solving skills
- Designed and implemented a resilient solution using Next.js for the front end, orchestrating seamless end-to-end integration and ensuring system-wide consistency
- Designed dynamic and browser compatible pages using HTML5, CSS3, MVC, jQuery and JavaScript.
- Developed user interface with HTML, CSS, React.JS, and server-side Technology with Java and Used HTML, CSS, JavaScript, and jQuery on the client side as well.
- Worked with HTML development, including CSS and JavaScript technologies like jQuery
- Designed CSS templates for use on all pages on the website working with CSS Background, positioning, text, border, margin, padding, and table
- Create detailed technical documentation, including architecture diagrams, deployment procedures, and best practices for cloud-based applications
- Optimized the user registration process by leveraging Next.js, making it more intuitive and user-friendly, thereby boosting the overall system usability and performance
- Architect, develop, and deploy scalable and secure applications on AWS and GCP, ensuring high availability and performance.
- End result was a more streamlined & user-centric registration process that improved user experience significantly.
- Demonstrated proficiency in key web development languages and frameworks including Java, HTML, JavaScript, and Next.js. Successfully utilized these skills for effective problem-solving, task execution, and system optimization.
- Utilized Java to enforce business logic, handle data management, and power server-side operations, demonstrating the ability to create robust, scalable backend services.
- Followed Agile Methodology(Waterfall) to meet customer expectations, and timelines with quality deliverables
- Used Git version control and Interacted with the Testing Team and Business Analysts to fix the Issues
- Worked with the team of architects and back-end developers to gather requirements to enhance the application functionality and add new features.

Northern Trust, USA | Dec 2022 – May 2023
Jr. Full Stack Developer

- Developed client-side validation code using JavaScript and jQuery
- Managed website calendar and events database using HTML, CSS, and Python
- Used JavaScript to implement marketing tools to improve website performance
- Architected and Developed for large-scale JavaScript applications with React.JS
- Used React.JS for creating reusable UI components (multi-field form elements, background file uploads)

- Architected & developed in Python, Flask, and Django for backend development & front-end apps using JS and React
- Worked on the backend by using Java, Spring MVC, MongoDB, and SQL
- Daily programming on the server side by using Git, Spring, and Java
- As a backend developer, was responsible for creating RESTFUL Web Services using Java & Spring
- Implemented modules into Spring to integrate with designs and requirements
- Worked with Spring framework including authoring complex directives, services, controllers, and filters
- Monitored and managed cloud-based CI/CD pipelines using tools like AWS CodePipeline, AWS CodeBuild, Google Cloud Build, and Jenkins for continuous delivery
- Extensively used jQuery in implementing various GUI components in the application portal
- Creation of database objects like tables, views, Indexes on tables, synonyms, materialized views, Stored procedures, packages using MySQL and SQL Server
- Designed and implemented serverless applications, microservices, and containerized solutions using AWS Lambda, AWS Fargate, GCP App Engine, and Kubernetes Engine
- Extensively used Bootstrap framework and developed multiple UI components as well
- Developed UI pages using media queries and made them completely responsive
- Experience in working with Git for branching, tagging, and merging
- Interacted with Customers and Development teams to fix the Issues and performed the System Testing and regression Testing for Complete UI after fixing the Issues that were reported by the testing team

Broadridge Financial Solutions, India
Member Technical

/ Feb 2020 - Jan 2022

- Identified and corrected issues in the Geneos Monitoring tool’s alert logic, thereby improving system monitoring accuracy and reducing erroneous alerts
- Initiated an automation process to replace inefficient manual trade insertion in QA testing, thereby streamlining QA processes
- Implemented automation served as an initial step towards comprehensive QA testing automation, greatly improving efficiency
- Designed and developed various bash scripts and stored procedures to reduce the manual work of the team
- Routinely resolved client issues related to Gloss products through effective debugging and analysis and escalated issues via Jira for team intervention
- Demonstrated proficiency in SQL, ASE SQL, Sybase, Java, Debugging, contributing to task completion
- Conceived and designed database tables in MySQL
- Used SQL and Relational Databases, especially MySQL and RDBMS
- Wrote SQL queries at an advanced level, imported/exported database dump files, and source control
- Actively participated in bridge calls to manage emergency situations, displaying quick thinking and efficient problem-solving abilities to resolve issues

Projects

Weather App

This is a simple weather application built with HTML, Bootstrap, and JavaScript. The app allows users to check the current weather conditions for a specific city. The project is organized into three main files:

App.js:
This file contains the client-side logic for updating the UI based on the weather data fetched from the WeatherAPI. Here's a breakdown of the key functionalities:

- Updating UI Elements:
- The UpdateImage function updates the weather image on the page.
 - The UpdateIcon function asynchronously updates the weather icon and calls UpdateImage.
 - The UpdateUI function asynchronously updates various details on the page, including city name, weather condition, temperature, and feels-like temperature. It also calls UpdateIcon.

Fetching Weather Data:
The WeatherData function asynchronously fetches weather data for a given city using the WeatherAPI.

- Handling Form Submission:
- The submit event listener on the city form triggers the process of fetching weather data, updating the UI, and storing the city in local storage.

Local Storage Usage:

- The app checks local storage for a previously selected city and updates the UI accordingly.

Forecast.js
This file contains the function getCityWeather responsible for fetching weather data from the WeatherAPI. It takes a city name as a parameter and constructs the API URL to retrieve the current weather conditions.
index.html:

This HTML file defines the structure of the weather app, including form input for entering the city and the card that displays weather information. It also includes links to Bootstrap for styling and external JavaScript files for the app logic.
Feel free to clone or fork this repository and customize it for your needs. For any issues or improvements, please open an issue or submit a pull request.

Certifications

- **IEEE** - Certification of Presentation: Presenting Research paper in IEEE International Conference (ICECA -2019)
- **KODEKLOUDE** – Course Completion Certificate for GIT Beginners (2023)
- **IETE** – Certificate of Appreciation – For Volunteering tech fest called ISquareR (2017)
- **Mozilla** – Attendance Certificate: Attended presentation event of open web & connected devices project Contribution (2018)
- **NSS** – Certificate of Appreciation: For Actively Participating NSS Swatch Bharath (2017)