

Kiran Virani

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EDUCATION

- **Lambton College** Toronto, CA
Devops for cloud computing; GPA: 3.5 *Jan 2023 - Aug 2024*
- **Government Engineering College, Bhavnagar** Gujarat, India
Bachelor of Engineering in Computer; GPA: 3.5 *Sept 2016 - June 2019*
- **Shree Tapi Brahmcharyashram Sabha College of diploma engineering** Gujarat, India
Bachelor of Engineering in Computer; GPA: 3.5 *Aug 2013 - June 2016*

SKILLS

- **Programming languages:** Java, Python, Flask, PHP, TypeScript, JavaScript (ES6+), HTML, CSS, JSON, SQL
- **Libraries/Frameworks:** Express.js, React.js, Webpack, Babel, GraphQL, Redux, REST APIs, Feathers.js, Spring Boot, Spring MVC, Hibernate, Servlets
- **Message Brokers Caching:** Message Brokers Caching: RabbitMQ, ActiveMQ, Apache Kafka, Artemis, Redis, Caffeine
- **Version Control:** Git, Github, Gitlab, Bitbucket
- **Cloud and DevOps:** AWS (EC2, ECS, S3, IAM), GCP, Heroku, Docker, Kubernetes, Jenkins, CI/CD, Terraform, Docker Swarm, Bash
- **Databases:** SQL, MySQL, PostgreSQL, MongoDB, DynamoDB
- **Security Authentication:** Spring Security, JWT, Okta OAuth2, 2FA (Twilio, SendGrid)
- **Software Methodologies:** Agile (Scrum, Kanban), SDLC
- **Testing:** Unit Integration Testing, JUnit, Mockito, Jest, Debugging, Cross-Browser Compatibility
- **Operating System:** Windows, Linux
- **Soft Skills:** Communication, Team Collaboration, Problem Solving, Quick Learnin

EXPERIENCE

- **ReactiveStax** Mississauga - Canada
Software Engineer (Java Developer) *Aug 2024 - Present*
 - Developing and maintaining microservices-based applications using Java, Spring Boot, Spring MVC, Hibernate, and JDBC.
 - Implementing RabbitMQ, ActiveMQ, Apache Kafka, and Artemis for efficient message processing.
 - Utilizing Redis and Caffeine caching to optimize system performance.
 - Managing deployments using Docker and working with Apache Tomcat for application hosting.
 - Enforcing Spring Security with JWT authentication and Okta OAuth2 authentication for secure access control.
 - Implemented unit and integration testing using JUnit and Mockito for business logic validation.
 - Developed controller, service, and repository layer tests to ensure code reliability and maintainability.
 - Implementing 2FA authentication (OTP-based) using Twilio SMS, call services, and SendGrid email services.

- Lockandstock**
MERN Stack Developer
 - Implemented Agile methodology to ensure timely product delivery and meet project deadlines by arranging and planning sprints regularly and communicating with the team.
 - Designed and optimized REST APIs, achieving a response time of less than 0.5 seconds and overall improving app performance.
 - Deployed APIs on AWS EC2 and ECS Instances for scalability and reliability.
 - Stayed updated with Node.js and DevOps trends, contributing to the development of top-notch applications and expanding the user base.

Dubai, UAE - Remote
Nov 2021 - Dec 2022
- Logicwind**
Senior Javascript developer
 - Implemented Agile Scrum methodologies to ensure timely and defect-free software releases, fostering project efficiency. For that, we frequently discussed our development with the team lead.
 - Enhanced application performance and user experience through strategic backend development optimizations, utilizing linter tools like ESLint.
 - Maintained continuous client communication, gathering feedback, and implementing process enhancements to improve workflow efficiency.
 - Achieved positive outcomes, including improved project timelines, enhanced user satisfaction, and strengthened client relationships.

Gujarat, IN
Sept 2020 - Oct 2021
- Lanet team software solution**
Software developer
 - Actively learned and mastered the MERN stack, staying updated with industry best practices.
 - Contributed to the development of dynamic web applications, handling both front-end and back-end tasks.
 - Analyzed and resolved software issues, showcasing strong problem-solving skills.
 - Demonstrated commitment to continuous learning and contributed to project progress and quality.

Gujarat, IN
Dec 2018 - June 2020

PROJECTS

- Trading App — Java, JDBC, Hibernate, MySQL, RabbitMQ, Multi-threading:**
 - Developed a multi-threaded trading application for processing trade data, including adding, updating positions, and calculating real-time values.
 - Implemented JDBC and Hibernate for database operations and MySQL for trade data storage.
 - Integrated RabbitMQ for asynchronous message processing to improve system efficiency and reduce latency.
 - Implemented JUnit and Mockito test cases to validate trade processing logic.
- Recreational Event App — Java, Spring Boot, Spring Security, JWT, Okta OAuth2, Redis, Twilio, SendGrid:**
 - Designed and developed a course enrollment system enabling users to register for activities like swimming and gym based on facility availability and age criteria.
 - Implemented a waitlist feature, notifying users via Twilio (SMS Calls) and SendGrid (Email) when a spot becomes available.
 - Developed a 2FA authentication system, requiring users to log in using a family group PIN and unique member ID, followed by OTP verification.
 - Integrated Spring Security with JWT authentication and Okta OAuth2 authentication to secure resource access.
 - Optimized system performance using Redis and Caffeine caching for better response times.
 - Wrote unit and integration tests for controller, service, and repository layers to ensure system reliability.

- **Weather-app — Python, Flask, GCP, Gitlab, CI/CD, Docker, DevOps, Deployment – Link:**
 - Developed Python Flask weather app with GitLab CI/CD for weather updates for specific cities. Utilized Docker and GitLab for version control. Automated deployment with GitLab Runner, GCP VM setup. Implemented CI/CD pipeline with build, test, deploy stages. Conducted tests (Unit, Integration) for reliability. Deployed app for public access.
- **E-commerce — React.js, Node.js, Express.js, MySQL, AWS, GitHub, Jenkins, CI/CD, Docker – Link:**
 - This platform empowers users to engage in online shopping. The application was constructed using Docker and subsequently deployed on EC2 instances, which were manually created through the AWS console for both the front end and backend. Additionally, a Jenkins pipeline was employed for Continuous Integration and Continuous Deployment (CI/CD) purposes, streamlining the process and ensuring a secure and error-free deployment.
- **Lockandstock — Typescript, Javascript, Node.js, Express.js, MySQL, AWS, Github, CI/CD – Link:**
 - This application enables users to set a designated period during which their phone will be locked, encouraging them to cultivate a habit of taking breaks from their device. The aim is to divert their attention to other activities such as studying for students, addressing children's needs for parents, and focusing on business tasks for professionals.
- **Solicitation System — Javascript, Node.js, Express.js, MySQL, Bitbucket:**
 - This is a specialized job portal designed for government jobs in the US territory of Guam. The platform allows applicants to easily find and apply for jobs that match their interests and requirements. Users can also subscribe to receive notifications regarding job openings. In this context, the term "solicitation" refers to the process of inviting applications or proposals for job opportunities.
- **Gearup Camera — Javascript, Node.js, React.js, Express.js, MongoDB, AWS, Stripe, Twilio, Bitbucket:**
 - This is an E-commerce application specifically designed for buying and selling camera gear. Users can easily browse through the available products and place orders either by making online payments or by adding funds to their app wallet. The app also facilitates communication between buyers and sellers to ensure a smooth transaction process.
- **24-carrots — Javascript, Node.js, React.js, feathers.js, PostgreSQL, Gitlab – Link:**
 - This is an event management web application that empowers users to create and manage events on behalf of clients. Users have the flexibility to handle various aspects of the event, including selecting the venue, designing the menu, choosing recipes and ingredients, offering different packages, coordinating staff, and applying discounts. The web app provides comprehensive tools for efficient event planning and execution.
- **Sendbay — Javascript, Node.js, React.js, GraphQL, PostgreSQL, AWS, Twilio, Gitlab – Link:**
 - This web application integrates diverse communication tools like SMS, email, and push notifications into a single platform. Users can seamlessly incorporate push notifications and email features into their applications, eliminating the necessity to integrate multiple services separately. Our app enables users to efficiently deploy push notifications and email functionalities in a simplified manner. Firebase is utilized for notifications and authentication, while AWS services handle email, SMS, and push notifications.

AWARDS AND ACHIEVEMENTS

- Placed in Winter 2023 Dean's Honour List for attaining a GPA of 3.65 — Lambton College - 2023
- Kubernetes, Terraform, Java spring boot — LinkedIn learning - 2024
- Cloud core — IBM - 2024
- Node.js — Hacker rank - 2024