

## TECHNICAL SKILL

- **Front-end:** React.js, Angular.js, HTML, CSS, TypeScript, JSON, Bootstrap, Tailwind CSS
- **Languages:** Python, Node.js, Javascript, SQL, PL/SQL and NoSQL
- **Frameworks:** Django, Flask, FastAPI, Streamlit, Express.js
- **Databases:** MySQL, PostgreSQL, MongoDB, RDS, S3, DynamoDB
- **Testing Tools:** pytest, jest, unittest, pdb, cProfile
- **Automation:** Selenium, Python, BeautifulSoup
- **AWS Cloud Services:** IAM, SSO, KMS, ECS, EKS, CDK, Lambda, Fargate, SNS, SES, SQS, CloudWatch, Quicksight
- **Message Queues:** Redis, RabbitMQ, Kafka, gRPC
- **CI/CD:** Jenkins
- **Project management tools:** Jira, Confluence
- **Generative AI:** Streamlit, LangChain, OpenAI

## SUMMARY

- With over **3** years of experience in design, development, testing, and maintenance, I possess strong proficiency in **Django (Python)**, and **Node.js (JavaScript)** for building backend logic, APIs, and business logic.
- Designed and deployed a highly scalable serverless architecture using **AWS Lambda** and managed infrastructure with AWS CloudFormation.
- Utilized **RabbitMQ** for asynchronous communication between microservices, ensuring message delivery and high availability.
- Skilled in utilizing Python libraries such as **NumPy**, **Pandas**, **Seaborn**, and **Scikit-learn** for data analysis and manipulation tasks.
- Utilized **ChatGPT's** embedding **API** functionality to build a chatbot capable of understanding and generating contextually relevant responses.
- Utilized **React** to develop dynamic and interactive front-end components, enhancing the user experience and performance.
- Advocated for test-driven development (TDD) practices within **agile** teams, ensuring high code quality and reducing regression risks.
- **Optimized** performance by targeting the slowest 20% of the code, adhering to the 80/20 rule and achieved **80%** improvement.

## EXPERIENCE

### Software Developer at [Applied Informatics](#)

May 2022 – Current

- Collaborating with other developers on shared codebases, resolving merge conflicts, and coordinating development efforts.
- Integrated **RESTful APIs** in Front-end and back-end applications, enabling seamless communication with data retrieval and updates.
- Solving **Debugging** issues in both frontend and backend code to understand the root cause of the problem.
- Implemented a robust testing strategy using **pytest**, ensuring code coverage of over 80%.
- Integrated third-party APIs and payment gateways into the **React Js**, ensuring secure online transactions for customers.
- Participate in **code reviews** to ensure adherence to coding standards and best practices.
- Identifying and addressing performance **bottlenecks** in the application, such as slow-loading pages or inefficient database queries.
- Performed software deployment to cloud-based infrastructure (AWS).
- Orchestrated **Docker** containers, ensuring consistency in development, testing, and production.
- Managed **Kubernetes** clusters, configuring nodes, optimizing performance and ensuring high availability for mission-critical applications.

### Full Stack Developer at [EbizzInfotech](#)

Jan 2019 - July 2021

- Developed dynamic and responsive user interfaces using **React.js**, resulting in a 20% reduction in page load times.
- Utilized Django **ORM** for modeling and interacting with PostgreSQL and MySQL databases, ensuring efficient data storage and retrieval.
- Built and deployed a full-stack e-commerce application using **Django**, integrating user authentication and a **RESTful API** with **Stripe** for secure payments.
- Tuned database performance by optimizing **SQLAlchemy** queries, indexing strategies, and caching mechanisms.
- Created functions, triggers, views, and stored procedures using MySQL and PostgreSQL relational Databases.
- Automated repetitive browser tasks using **Selenium** and Python, saving development time and improving consistency.
- Applied **machine learning** for predictive analytics in inventory management, minimizing stockouts and reducing overstock situations.
- Implemented continuous integration and deployment pipelines using **Jenkins** to automate the build, test, and deployment.
- Integrated CI/CD with version control systems such as **Git**, automating the deployment process triggered by code changes.

## EDUCATION

MS in Computer and Information system from New Jersey Institute of Technology

BE in Engineering from Gujarat Technological University