Nisarg Shihora

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Education

University of Windsor   **May 2022 – Aug 2023**
Master of Applied Computing in Computer Science   *Windsor, ON, CANADA*
- Cumulative GPA: 3.5/4

UKA Tarsadia University   **Aug 2016 – June 2020**
Bachelor of Technology in Computer Science   *Surat, Gujarat, India*
- Cumulative GPA: 8.0/10.0

Experience

Kmphitech Infotech   **June 2020 – April 2022**
Software Developer   *Surat, Gujarat, India*
- Implemented concepts of RESTful APIs, Java, Spring Boot, ReactJS, NodeJS to develop cutting-edge Applications.
- Improved data security and efficiency by 20% with Firebase Cloud Services, including API calls and authentication.
- Implemented CI/CD pipelines, resulting in a 40% decrease in deployment errors and a 30% increase in overall development team productivity, leading to faster feature delivery and improved customer experience.
- Revamped ansible project, tackling key issues head-on; eliminated vulnerabilities, leading to a 35% drop in security incidents and a 30% decrease in downtime events.
- Spearheaded the adoption of scrum methods using Jira, leading to 25% increase in on-time project delivery.

Kintu Designs Pvt. Ltd.   **Dec 2019 – May 2020**
Data Analyst Intern   *Surat, Gujarat, India*
- Conducted comprehensive online research to evaluate the accuracy and significance of data within digital mapping systems, impacting millions of global users.
- Analyzed and interpreted substantial datasets, identifying critical patterns and trends, resulting in a 15% increase in medicine sales through data-driven insights and strategic recommendations.
- Directed flawless data migration and integration, ensuring project excellence and continuous data flow.

Technical Skills

Programming Languages:	Python, Java, JavaScript, TypeScript, C, C++, HTML/CSS, SQL
Web Technologies:	Django, ReactJS, NodeJS, Spring Boot, UI/UX
Cloud Services:	Amazon Web Services (AWS) - API Gateway, Lambda, ECS, Terraform, Google Cloud
Databases:	PostgreSQL, MySQL, Neo4j, MongoDB, AWS RDS, AWS DynamoDB, Firebase, Cloud Firestore
Misc:	Docker, Kubernetes, CI/CD pipeline, Redux, GraphQL, Heroku, GIT, Postman, Jira, Scrum
Concepts:	Agile methodology, Data Structures and Algorithms, Object-oriented programming (OOP) concepts, Test Driven Development (TDD), Software Development Life Cycle (SDLC), SOLID Principles.

Projects

MinCo2 / *ReactJS, NodeJS, Jest, Jira, Git* | 🎧 *View Project*
- Constructed green software application using React Native to reduce emission of carbon from the environment.
- Conducted White Box, Black Box, and Unit testing, ensuring software reliability and quality.
- Enhanced project efficiency through active participation in daily Scrum meetings and the application of Agile principles, ensuring on-time project deliveries.
- Contributed to code reviews and the creation of unit test plans within the software development lifecycle (SDLC).

SMS Categorization / *Python, Java, NLP, Machine Learning*
- Created an Android application for automated SMS categorization, streamlining message management and enhancing user experience, with over 100000 downloads.
- Implemented Natural Language Processing (NLP) and Machine Learning (ML) algorithms to categorize SMS messages, resulting in a 40% reduction in response time and improving customer satisfaction.

WECCC / *ReactJS, NodeJS, MongoDB, PowerBI, Trello* | 🎧 *View Project*
- Objective: Developed a web-based Information Management System (IMS) for Windsor-Essex hospice community, reducing administrative workload by 30% and enhancing data accessibility for 1000+ users.
- Leveraged a cutting-edge tech stack featuring React.js, Node.js, and MongoDB to construct the Web-Based IMS, ensuring high-performance and scalability.
- Protected data privacy with user identification, role-based access, and encryption.