

# NISHANT PANSURIYA

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## PROFESSIONAL SUMMARY

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- Graduate student with 1 year of professional experience and a passion for Cloud, DevOps, Automation, Development, and Analytics, seeking an opportunity starting **September 2023**.
- **Nokia Certified Network Routing Specialist I (NRS I)**
- **AWS Certified Solution Architect**.

## EDUCATION

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### Master of Applied Computing

Jan 2022 - Sept 2023

University of Windsor, Windsor, Canada

### Bachelor of Computer Engineering

Aug 2017 - Jul 2021

LDRP Institute of Technology and Research, Gujarat, India

## TECHNICAL SKILLS

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- **Languages:** Python, Java, JavaScript, C++, SQL, Bash, Perl
- **Cloud:** AWS, EC2, S3, Lambda, Route53, IAM, VPC, CloudFront, Load balancing, Virtualization, Containerization, Microservices, IAAS, PAAS, SAAS concepts, Docker, CloudFormation, Terraform
- **Cloud Basics:** Azure, GCP, OpenStack, Jenkins, Kubernetes
- **Web Development:** ReactJS, NodeJS, Redux, Express, Django, Flask, HTML, CSS, Bootstrap, MongoDB, MariaDB, Firebase
- **Tools/Framework:** Linux OS, Jira, Confluence, SharePoint, Power BI, Power Automate, MySQL, Postman, MS Office, Git, GitLab, GitHub, Bitbucket, Wireshark
- **Others:** Data Structures & Algorithms, Data Analytics, Object Oriented Programming, Problem Solving

## WORK EXPERIENCE

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### PMO Co-op, Nokia - Cloud and Network Services

Jan 2023 - Present

Ottawa, Canada

- Developed a **Python** based automation tool using GitHub, MariaDB, AWS EC2, and Docker to streamline release reviews for **20+** Nokia cloud product releases, achieving a **90%** reduction in manual effort and improved efficiency through virtualization and **CI/CD integration**.
- Developed a **HTML validation** tool for Markdown files, improving code quality and simplifying debugging.
- Contributed to a project enhancing the Nokia **ML Dictionary** by incorporating technology abbreviations, ensuring accurate spell-checking and error-free documentation in Word and PowerPoint.
- Developed **auditing** tools to monitor GitHub repositories and logs, flagging unreachable URLs and maintaining error free product documentations.
- Created **Perl** scripts and configured **cron** jobs to automate data extraction and populate SQL databases.
- Designed and built customized Power BI dashboards with integrated **ETL** processes, ensuring SLA adherence, real-time insights, and seamless data updates.
- Led agile backlog meetings, gathering Power BI and automation requirements from senior project managers and customers for effective collaboration.

## Software Developer Intern, RenoTechno

Jan 2021 - Jun 2021

Surat, India

- Collaborated with clients and team members throughout the SDLC, including requirements gathering, design, development, testing, and deployment.
- Developed and optimized a **CI/CD** pipeline using **AWS Code Pipeline**, enhancing deployment efficiency, scalability, and maintainability of the applications deployed on **AWS Elastic Beanstalk**.
- Implemented a robust and secure authentication system by leveraging Node.js, cryptography algorithms, JWT tokens, and REST APIs,
- Designed and developed front-end components using ReactJS, Bootstrap, HTML, CSS, and jQuery.

## PROJECTS

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### Real Estate Price Prediction | Python, Flask, ML

May 2022 - Aug 2022

- Developed a Machine Learning model utilizing **15+** features of a specific property, including size, area, geolocation, economy, and number of bedrooms/bathrooms, to predict real estate prices.
- Managed complete lifecycle operations for a data science project, from Exploratory Data Analysis and Data Cleaning to Model creation, Testing, and Deployment, resulting in a model accuracy of **94%**.

### Crypto Currency Dashboard | MERN Stack, AWS S3, CloudFront

May 2022 - Jul 2022

- Developed a real-time and historical cryptocurrency dashboard using the MERN stack, allowing users to visualize data, charts, trends, news, and market status of the top **200** projects.
- Deployed project on **AWS** cloud platform utilizing S3, Lambda, CloudFront, and Route 53, gaining practical experience with cloud computing.

### Web Search Engine | Java, Junit

Jan 2022 - Apr 2022

- Developed a web crawler to crawl **1000+** websites and build an inverted index to store word-document relationships.
- Programmed function to perform spell-checking and word suggestions using edit distance algorithm.
- Managed **Jira** dashboard to assign tasks to teammates in an agile environment as a scrum master.

### Student Hub | NodeJS, ReactJS, Firebase, DynamoDB

Jan 2021 - Mar 2021

- Collaborated with a team to design and develop a social media platform that offers features such as user profiles, blog posts, comments, chat rooms, and profile ratings, specifically for international students to connect and engage with each other.
- Implemented real-time chat functionality with multimedia support using ReactJS and NodeJS and utilized DynamoDB as the database to ensure low latency communication.

## CERTIFICATIONS

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| • Terraform for Beginners, <a href="#">Certificate</a>                        | May 2023  |
| • Nokia Certified Network Routing Specialist I (NRS I), <a href="#">Badge</a> | May 2023  |
| • AWS Certified Developer – Associate, Udemy, <a href="#">Certificate</a>     | Sept 2022 |
| • AWS Certified Solutions Architect - Associate, AWS, <a href="#">Badge</a>   | July 2022 |
| • SQL for Data Science, Coursera, <a href="#">Certificate</a>                 | Jan 2022  |