

NITHIN ARUMBAKAM NAGARAJU

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Professional Summary

Software Engineer Intern candidate with 1+ year of experience in software development, debugging, and application support within Agile engineering environments. Demonstrated proficiency in Python scripting, and digital logic fundamentals, with hands-on experience building and validating software modules for enterprise-scale systems. Contributed to cross-functional development teams, actively participating in code reviews, daily stand-ups, and collaborative problem-solving to deliver high-quality, stable solutions. Skilled in system testing and issue resolution, ensuring functional integrity and aligning with disciplined engineering practices. Currently pursuing a Post Graduate Diploma in Data Analytics for Business, building advanced capabilities in data processing, machine learning, and cloud integration. Offers strong foundation in version control using Git and a working knowledge of AWS and modern data tools. Well-prepared to assist by bringing adaptable coding skills, quality-focused execution, and a drive for solving complex engineering challenges.

Areas of Expertise

- Software Development & Debugging
 - Systems Design
 - Object-Oriented Programming (C/C++)
 - Data Analysis & Visualization (Python, SQL)
 - Agile Development & Collaboration
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Technical Skills

- **Languages:** Python, C, C++, SQL
 - **Frameworks/Libraries:** Pandas, NumPy, Matplotlib, Scikit-learn, TensorFlow, Keras, Selenium, REST API
 - **Tools & Platforms:** Git, GitHub, Power BI, Tableau, Microsoft Excel, AWS, Office 365
 - **Database Systems:** MySQL, SQL Server, Redshift, NoSQL, Databricks, Snowflake, Hadoop, Google Cloud Platform
 - **Development & Workflow:** Agile, Version Control, CI/CD (basic), Debugging, Scripting
 - **Coursework Exposure:** Machine Learning, DBMS
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Education

St. Clair College, Windsor, ON
Post Graduate Diploma in Data Analytics for Business
Jan 2024 – Present

- Available for 4–8 month internship starting **April 2025**
 - **Relevant Coursework:** Data Analysis & Visualization, Statistical Methods, Machine Learning, AWS, Business Intelligence, Project Management, DBMS
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Professional Experience

Systems Engineer

Infosys Consulting Services, Chennai, India

Jul 2022 – Aug 2023

- Collaborated with senior engineers in an Agile environment to develop and maintain client-driven software modules, contributing to feature implementation and rigorous debugging in C-based systems.
 - Diagnosed and resolved software issues in cross-functional teams, applying structured problem-solving to enhance system stability in production environments.
 - Participated in daily stand-ups and peer code reviews, strengthening collaboration and understanding of full-cycle software development processes used in high-performance engineering teams.
 - Executed functional and regression testing to validate core application components, ensuring delivery met internal performance and quality benchmarks.
 - Authored and maintained detailed technical documentation to support ongoing system maintenance and facilitate efficient knowledge transfer across engineering teams.
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Certifications & Extras

- **AWS Academy Cloud Foundations** (*in progress*)
- **Git & GitHub for Developers** – Coursera
- Capable of working in hybrid/remote environments with minimal supervision
- Open Work Permit (Internship Roles)