

Nick Strydom

Backend software developer with full stack development experience and a passion for learning.

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EXPERIENCE

Amelia Island Investments, LLC., Saint Paul, MN — Contractor

APRIL 2021 - Present

Design and implement a user-friendly algorithmic trading platform in Python 3 with integration to Interactive Brokers, TD Ameritrade, and OANDA broker web applications. Port MATLAB backtesting programs to C++ with MEX function support.

MyLeaderboards, Inc., Saint Paul, MN — Contractor

OCT 2020 - FEB 2021

Design and implement server-side REST services. Design and implement relational PostgreSQL databases. Modify SQL scripts utilized by Flyway to setup test databases. Created unit tests using Spock specification framework.

NorthstarMLS, Saint Paul, MN — Contractor

OCT 2019 - DEC 2019

Design, implement, and maintain Classic ASP, ASP.NET, and Spring MVC web applications and their SQL Server database. TDD with JUnit4 and Mockito. Update Jenkins build pipeline.

Crypto Quant Solutions, Minneapolis, MN — Contractor

AUG 2017 - JAN 2019

Design, implement, and maintain client-side/server-side Bitcoin automated trading solutions. Design and implement relational PostgreSQL databases.

Registration Technology, Inc., Rogers, MN — Contractor

OCT 2017 - MARCH 2018

Design, implement, and maintain Java Swing applications. Design and implement relational PostgreSQL databases.

Login, Inc., Woodbury, MN — Contractor

APRIL 2015 - DEC 2015

Maintain Classic ASP web applications. Implemented SQL reports scripts for Microsoft SQL Server. Design and implement C# desktop application.

SKILLS

Java, Spring, Spring MVC, REST, JSON, JPA, Swagger, JUnit, Selenium, JSoup, Groovy, Python 3, Pandas, VirtualEnv, SQLAlchemy, testtools, BeautifulSoup, Requests, Classic ASP, JavaScript, PostgreSQL, SQLite, C#, C++, Boost, MEX, Eigen, xlnt, MATLAB.

EDUCATION

University of Phoenix, Phoenix, AZ — Associate of Arts, Software Development

JAN 2020 - OCT 2022

CERTIFICATIONS

OpenEDG Python Institute, PCEP – Certified Entry-Level Python Programmer

DEC 2022