

Sina Naseri

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Education and qualifications

○ University of Nottingham

March 2021

BSc Physics (Second class, division one)

- Dissertation: designed and programmed a simulation of quantum dots and measured their electrostatic potentials using MATLAB.

○ NCN High Pavement

Sept 2016

A-Levels

Physics, Mathematics, Chemistry, Persian, AS Further Mathematics

Work experience

July 2023

Nutracheck

Junior Software Developer

- Collaborated seamlessly with cross-functional teams, including software developers, business analysts, and project managers, to design and develop cutting-edge software solutions using Java.
- Developed, deployed, and maintained software applications on AWS, leveraging services such as EC2, S3, and RDS. Utilised Kubernetes for efficient container orchestration and deployment.
- Implemented and optimized CI/CD pipelines to automate the build, testing, and deployment processes, ensuring efficient and reliable delivery of software solutions.
- Managed and configured cronjobs, automating routine tasks and scheduled processes to enhance system efficiency and reliability.
- Leveraged test-driven development (TDD), crafted comprehensive JUnit tests for robust and reliable software components. These tests covered functionality, performance, and edge cases, seamlessly integrated into the CI/CD pipeline for automated validation. Prioritizing code coverage, meticulously constructed test suites encompassing critical paths and edge cases, minimizing regressions and elevating overall code quality.
- Designed complex SQL queries to extract, manipulate, and analyse data from large data sets, demonstrating a strong command of database design principles and optimization techniques to ensure efficient and accurate retrieval of information.

January 2023

Sparta Global

Graduate Java developer

- Managed databases using Spring and MySQL.
- Used Agile methodologies to carry out group tasks and projects.
- Learned a variety of business tools such as Microsoft teams and Scrum which help with productivity and teamwork.
- Built on my preexisting programming skills and delved deeper into OOP programming and SOLID design principles

April 2022

Jubilee Events
Team Member

- Helped a start-up social enterprise meet its targets and objectives.
- Worked constructively with people from less advantaged backgrounds and help them thrive in the workplace.
- Managed events and meeting customer requirements in a timely manner.

January 2022

Rodocodo
Marketing Assistant

- Analysed keyword searches to determine keywords to target and avoid, increasing click rate as a result.
- Ensured that all content complies with current SEO best practice as well as maximum readability.
- Boosted Google rankings through the creation informative, bespoke, high-quality content resulting in an increase of traffic to our website.

August 2021

Amazon
FC Associate

- Assisted management with daily operational agendas regarding process flow.
- Prepared orders for on-time delivery to ensure customer satisfaction.
- Learned aspects of production; adhere to strict safety, quality, and production standards.
- Observed to strict deadlines, further developed my time management skills.
- Familiarity with warehouse processes and terminology used from inbound to outbound.

Personal Projects

Java Admin App

- Developed a Java-based admin application to manage user roles, permissions, and system configurations.
- Integrated with a MySQL database for data storage and retrieval.

Student Database App

- Built a student database management application using Java and Spring Boot. - Features include CRUD operations, search functionality, and report generation.

Bank Account App

- Created a Java application to manage bank accounts, including account creation, transactions, and balance inquiries.
- Implemented secure login and user authentication.

Skills

- Programming Languages: Java, SQL, MATLAB
- Technologies: Spring Boot, MySQL, AWS (EC2, S3, RDS), Kubernetes - Methodologies: Agile, Test-Driven Development (TDD)
- Tools: JUnit, CI/CD, Git