

Sina Naseri

Software Engineer

+447456498529 [◇ naseri.sina@hotmail.com](mailto:naseri.sina@hotmail.com) [◇ NG9, United Kingdom](#) [◇ Portfolio](#)

PROFILE

Innovative and results-driven Software Engineer with hands-on experience in full-stack web development, cloud computing (AWS), and modern frameworks like Next.js. Adept at delivering scalable and high-performance applications in fast-paced, Agile environments with an emphasis on Test-Driven Development (TDD). Holding a strong problem-solving background from the University of Nottingham, I thrive on leveraging cutting-edge technologies to drive impactful results. Passionate about finance and technology, eager to contribute my software development skills to fintech solutions.

EXPERIENCE

Full Stack Developer

Nov '24 — Mar '25

The Developer Academy

- Engaged in an intensive 16-week program with a focus on **JavaScript, React, Node.js, Next.js and MongoDB**.
- Developed proficiency in Test-Driven Development (TDD), UX/UI design, and version control systems like Git.
- Collaborated on a greenfield team project using **Scrum**, delivering a production-ready full-stack application.

Junior Software Developer

Jul '23 — Sep '24

Nutracheck

- 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.

Graduate Java developer

Jan '23 — Apr '23

Sparta Global

- 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

EDUCATION

BSc in Physics, University of Nottingham (GPA: Second class, division one)

Mar '21

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

PROJECTS

Weather Forecast App (Next.js, OpenWeather API, Tailwind CSS)

- Developed a weather application with live API data, offering real-time global weather updates.
- Leveraged Next.js for server-side rendering.

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 Java, MATLAB, JavaScript, Node.js, Next.js, ReactJS, JSX, Tailwind css, TypeScript, c#, .NET, Dart, HTML5

Database Management MySQL, MongoDB, SQL, Excel

Cloud Services AWS (EC2, S3, RDS), Render

Development Methodologies Agile, Test Driven Development (TDD)

Development Tools Spring Boot, Kubernetes, JUnit, CI/CD, Git, Flutter