

Sourav Verma

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Recent Software Engineering Graduate with fundamental knowledge of software design, development and testing. seeking to utilize broad educational background with excellent analytical, technical and programming skills.

EDUCATION

Edinburgh Napier University Date: September 2021- May 2024
Bachelors of Engineering in Software Engineering (Hons) GPA: **3.5/4.0**

EXPERIENCE

Software Engineer Internship / Edinburgh Napier University Date: January 2023

- **Developed** software solutions for supply chain management. **Gained** hands-on experience with AI, Java, Jade, MySQL, and NetBeans. **Authored** comprehensive JUnit tests to ensure software quality and reliability.

SKILLS

- **Programming skills:** Java, Python, C, C++, JavaScript, C#, HTML, CSS, ADA, Android.
- **Development Tools:** Eclipse, VS Code, Microsoft Visual Studio, NetBeans.
- **Frameworks:** React, Jade (Agent Framework), DOTNET Framework(.NET), Spring .
- **Databases:** MySQL, Firebase, Oracle PL, SQL, Micro services.
- **Methodologies:** Agile Methodology including **Scrum and Kanban**.
- **Cloud Platforms:** **Utilized** Microsoft Azure, including Azure App Services, Azure Functions, and Azure DevOps for efficient CI/CD pipelines.
- **Other:** Docker, Software Testing (JUnit), Git, Linux, Software Development Life Cycle, Good Understanding of object-oriented principles.

Projects

Agent- Based Supply Chain (Internship Project) Date: 2023

- **Developed** a software solution using **Java, Jade (Agent Framework)**, and **SQL Database**, enabling agents to find suppliers and negotiate on behalf of users.
- **Designed** the front end of the application with **Java Swing** and **Microsoft Visual Studio**.

Napier Bank Messaging Date: 2022

- **Engineered** a secure messaging solution for Napier Bank using **C#** and **WPF**, integrating APIs for real-time communication.
- **Conducted** unit testing to ensure code quality and stability, identifying and fixing bugs early in the development cycle.

Portfolio Website Date: 2024

- **Created** a portfolio website using **HTML, CSS**, and **JavaScript** to showcase projects and skills, enhancing my web development experience.

Fitness App (Group Project)

Date: 2023

- **Developed** a comprehensive fitness platform using **Android Java** and **Firebase**, focusing on user engagement and seamless service integration.
- **Managed** source control with **Git** for smooth collaboration, while establishing a CI/CD pipeline with **GitHub Actions** for automated builds, unit tests, and deployment to Firebase Hosting, enhancing code quality and accelerating release cycles.

Game Development in Python

Date: 2024

- **Created** several interactive games, including **Guess the Number**, **Sudoku**, **Hangman**, and **Caesar Cipher**, utilizing Python to enhance problem-solving and programming skills.

Additional Skills

- **Acted** as a class representative for a year, advocating for student concerns and building strong peer relationships, which strengthened my communication and leadership abilities.

REFERENCES

- Name: Simon Powers (S.Powers@napier.ac.uk).
- Name: Simon Wells (s.wells@napier.ac.uk) .
- Name: Andrea Scott (A.Scott@napier.ac.uk).