SANDAMINI OBADAGE

UNDERGRADUATE – BSC (HONS) IN COMPUTING | ASPIRING DATA ANALYST

CONTACT

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Github:
🔗 https://github.com/SandaminiObadage

PERSONAL DETAILS

- Full Name: Obadage Hashini Sandamini
- Date of Birth: 2000-04-12
- NIC No: 200060301680
- Marital Status: Unmarried
- Nationality: Sri Lankan
- Languages: English, Sinhala
- School Attended: G/Janadhipathi B.V

EDUCATION

Undergraduate – BSc (Hons) in Computing (3rd Year)

(2024 – Present)

Coventry University (UK) – Offered through National Institute of Business Management (NIBM), Sri Lanka

Higher National Diploma in Software Engineering

National Institute of Business Management (NIBM)

📅 GPA: 3.92 (2023 - 2024) - Distinction Pass

Diploma in Software Engineering

National Institute of Business Management (NIBM)

📅 GPA: 3.7 (2022 - 2023)

GCE AL-2019 - Biological Science Stream

📍 Physics- S , Chemistry- S, English- B

GCE OL-2016 - English Medium

📍 A- 6 , B-3

ABOUT ME

Detail-oriented Software Engineering undergraduate pursuing a BSc (Hons) in Computing with strong skills in software development and data analytics. Skilled in Excel, SQL, and Power BI for data processing, visualization, and reporting. Passionate about leveraging technology to enhance data accuracy, streamline processes, and drive data-driven decision-making within corporate environments.

PROFESSIONAL EXPERIENCE

📌 Software Developer Intern   DEC 2024 - JUNE 2025

Sri Lanka Telecom – Colombo, Sri Lanka (On-site)

- Developed and optimized Java-based modules using Spring Boot for internal enterprise systems.
- Designed and implemented RESTful APIs for seamless integration between front-end and backend services.
- Managed MySQL databases, ensuring data integrity and performance optimization.
- Built and tested backend services using FastAPI, Python, and Postman.
- Containerized applications with Docker and managed deployment on virtual environments.
- Assisted in Flutter-based mobile app integration and feature development.
- Key Skills: Java, Spring Boot, RESTful APIs, MySQL, Docker, Python, Flutter, Postman, Agile

💻 Also contribute to freelance web and mobile development projects using MERN, Spring Boot

FEATURED PROJECTS

1.UrbanFlow- Public Transport Analysis
- Technologies: SQL, Talend, Power BI, Data Warehousing
- Built a Data Warehouse (Galaxy Schema) & Power BI dashboard for transport analytics
- Designed data reports and statistical analysis dashboards.
🔗 GitHub Repo: UrbanFlow

2.RailwaySystem – Railway Management System
- Technologies: C#, .NET Framework 4.7.2, Windows Forms
- Built a modular desktop app for railway operations with animated, responsive WinForms UI using CircularProgressBar and WinFormAnimation.
🔗 GitHub Repo: RailwaySystem

Additional Certifications:

- Computer Literacy Certification – Open University Sri Lanka (2022)
- Diploma in English (Intermediate) – Aquinas College
- **IBM Introduction to Data Analysis**
  Coursera / IBM | [View Certificate](#)
- **IBM Excel Basics for Data Analysis**
  Coursera / IBM | [View Certificate](#)
- Microsoft Learn : [Profile](#)
- DataCamp Portfolio: [DataCamp](#)

TECHNICAL SKILLS

- Programming Languages: Java | Python
- Data Analytics & Visualization: Excel | Power BI | SQL | Talend | Data Cleaning & Validation | Data Reporting | Dashboard Design
- Databases: MySQL | MongoDB | Firebase | Oracle SQL | PostgreSQL
- Tools & Frameworks: Git | GitHub | Docker | Postman | Visual Studio
- Concepts: Agile & Scrum | RESTful APIs | Microservices | MVC Architecture | Data Accuracy Verification

SOFT SKILLS

- Critical Thinking & Analytical Problem-Solving
- Team Collaboration & Cross-functional Communication
- Time Management & Adaptability
- Agile & Continuous Learning Mindset

INVOLVEMENT

- Secretary – English Literary Association (School)
- Member – NIBM Student Club
- Member – First-Aid Unit & Junior Prefect Board
- Volleyball & Netball Team Player

3.GRADIENT- Automated MCQ Grading System
- Technologies: Python (OpenCV, NumPy, Pandas, Tkinter)
- AI-driven grading system with image processing & real-time evaluation

[GitHub Repo: Gradient](#)

4.EVENTO - Event Management System
- Technologies: React.js, Redux, Node.js, Express.js, Supabase
- Developed a real-time event tracking system with scalable database integration

[GitHub Repo: Evento](#)

5.TravelEase - Smart Travel Companion App
- Technologies: Android Studio, Kotlin, Google Maps API, Firebase
- Built a smart travel assistant with navigation, offline access, and real-time travel updates

[GitHub Repo: TravelEase](#)

6.VaultSecure - Secure Web Authentication System
- Technologies: React, Node.js, MongoDB, Google Authentication
- Implemented secure login with multi-factor authentication using OAuth 2.0 & Google reCAPTCHA

[GitHub Repo: VaultSecure](#)

7.ByteBuy - E-Commerce Platform
- Technologies: java, Spring Boot, Angular, PostgreSQL, JWT
- Scalable e-commerce platform with secure transactions.
- Developed RESTful APIs & role-based authentication

[GitHub Repo: ByteBuy](#)

8.AI-Powered Tennis Analysis (Tennis-Match-ML)
- Technologies: Python, YOLO, OpenCV
- Built an ML system to detect players/ball, track movements, and generate performance insights from tennis videos.

[Github Repo: TennisMatch](#)

9.Workify Job Hub – Job Search & Management App
- Technologies: Flutter, Node.js, Express.js, MongoDB, Firebase
- Developed a cross-platform job search and management application with secure authentication (JWT), real-time updates, and a modern, responsive UI.
- Implemented features such as job listings, user profiles with avatars, bookmarking jobs, and backend integration with Express.js & MongoDB, Firebase.

[GitHub Repo: Workify](#)

PROFESSIONAL REFERENCES

References available upon request.