



# SANDAMINI OBADAGE

UNDERGRADUATE – BSC (HONS) IN  
COMPUTING | ASPIRING SOFTWARE ENGINEER

## CONTACT

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## 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

Results-driven Software Engineering undergraduate with hands-on experience in full-stack development using Java, Spring Boot, MERN Stack, and mobile technologies. Proficient in cloud-based development, API integration, and containerized deployment with Docker. Knowledgeable in AI/ML & data analytics. A quick learner with a passion for innovation, scalability, and collaborative Agile 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**  
*Issued by: Coursera / IBM*  
*Credential URL: [View Certificate](#)*
- Microsoft Learn Profile: [Microsoft-Learn](#)
- 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.