SAMSUDEEN ASHAD

UNDERGRADUATE IN SOFTWARE ENGINEERING | DATA SCIENCE ENTHUSIASTIC | MACHINE LEARNING | FULL-STACK DEVELOPER

CONTACT

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EDUCATION

NSBM GREEN UNIVERSITY (2022-2026)

- BSc (Hons) in Software Engineering (Current GPA 3.63)

IMBS GREEN CAMPUS (2024–2025)

- Dip in Business Management

ENGILISH BEE ACADEMY (2017–2018)

- Dip in English

B/BANDARAWELA CENTRAL COLLAGE

- Physical Science Stream (Mathematics Stream)

SOFT- SKILLS

Project Management, Public Relations, Teamwork, Time Management, Leadership, Effective Communication, Critical Thinking, Collaboration, Adaptability

LANGUAGES

- English (Advanced)
- Sinhala (Native)
- Tamil (Native)

WORK EXPERIENCE

- NSBM Mathematics and Statistics Circle – Assistant Event Coordinator Nov 2024 – Present
- NSBM Islamic Society - Chief Event Coordinator Executive - Jan 2025 – Present
- NSBM Software Engineering Students Association –- Executive Committee Member - Jan 2025 – Present
- IMBS Green Campus- 77 Batch - CSR Project - Chairperson - Nov 2024 - Jan 2025
- Hackathon Hub NSBM -Marketing Team – AlgoExplore - Sep 2024 - Nov 2024
- AIESEC in Sri Lanka Member- Feb 2023 - Nov 2024, B2B Team Member -Oct 2023 - Feb 2024, EP Manager -Jun 2023 - Aug 2023

PROFILE

Motivated undergraduate software engineering student with a passion for software development, machine learning, and data science. Known for strong leadership, a collaborative attitude, and conflict resolution skills. Experienced in applying analytical techniques to solve complex problems. A punctual, dependable multitasker who delivers effective solutions and contributes to team success.

SKILLS SUMMARY

Development | Data Science | UI/UX | Analytical | Problem-Solving | Project Management |

- Programming: Python, Java, C++, JavaScript, SQL, Flask, React, node.js and .NET.
- Data Science: Machine learning, statistical analysis, data visualization (Power BI, Tableau), Exploratory data analysis, Statistics, TensorFlow, Scikit-learn, Prompt Engineering, NumPy, Pandas, Matplotlib, LangChain.
- UI/UX Development: Figma, Flutter, React, responsive designs with Tailwind CSS, SCSS, and implementing user-centric interfaces, WordPress development.
- Databases: SQL, MySQL, SQLite, PostgreSQL, Firebase and MongoDB.
- Software Engineering & Backend development: Design patterns, system architecture, APIs, debugging, and optimization, Express, FastAPI, Django.
- Cloud & DevOps: Git, GitHub, Firebase, AWS, Azure and Docker.
- Data-Driven Decision Making & Optimization: Analyzing data for insights, designing efficient algorithms, Lean/Six Sigma for process improvement.
- Methodologies & Planning: Proficient in Agile, Scrum, Kanban, and Waterfall; JIRA, MS Project, and Asana for task management and scheduling.
- Risk, Scope Management & Stakeholder Engagement.

PROJECTS

- Research - Bitcoin Prices Sentimental Analysis (Submitted)
- Tetraneutrons Disaster management system – React, FastAPI, Firebase, YOLO, Gemini, GDAC, OpenWeather (Won 2nd Runner up Intelihack 5.0 organized by UCSC)
- MathMaster Quiz Competition site - React+Vite, Typescript, PostgreSQL, Express.js, Node.js, Figma
- Web scraper AI- Flask, BeautifulSoup, JavaScript, Selenium
- Voice Assistant with AI - Interactive Web Interface - Google AI Studio, Flask, PyAudio OpenCV, HTML, CSS JavaScript
- Cafe House - HTML5, CSS3, Bootstrap 4, JavaScript, PHP, XAMPP, MySQL
- Quizer Ai - Intelligent Quiz Generation Platform – Flask, Gemini, Bootstrap, Python
- AI-Tutor - Flutter, Python, HTML, JavaScript, Gemini
- Organic Cosmetic Online Store - Java, Java servlet, JSP, JDBC, Tomcat, JS, MySQL
- Greencare - Health Care System – Dijngo, python, JavaScript, SCSS
- PwC Switzerland - Power BI Job Simulation -Power BI
- Baminithiya disaster management system – (NBQSA Submitted)

CERTIFICATIONS

- Executive Diploma in Business Administration
- Introduction to Career Skills in Software Development
- Investment Risk Management
- Introduction to Neural Network
- Career Essentials in Data Analysis by Microsoft and LinkedIn
- Business analysis & process Management
- Artificial Intelligence Fundamentals
- PwC Switzerland - Power BI Job Simulation

REFERENCE

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