



BIMSARA MADURAPPERUMA

SOFTWARE ENGINEER

CONTACT

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PROFESSIONAL SUMMARY

"I am Bimsara, an undergraduate studying Software Engineering at IIT. I have always been a devoted fan of the computing industry, which I carried on all the way from a very young age. I am a very energetic student with great leadership skills and communication skills in multiple languages. I am sure that my skills and love for computers and software will serve the industry in more ways than one."

WORK EXPERIENCE

Software Engineer (Intern) | hSenid Mobile Solutions

June 2023 - August 2024

- Implemented an open-source office workspace tool for internal use among employees. Additionally, I coded support tools using python for the workspace for easier system administration and monitoring user activity.
- Created and managed databases for reporting modules in large projects used for API management.
- Used visualization tools like Grafana to visualize and generate reports on large scale projects.

President | AIESEC in Informatics Institute of Technology

February 2025

- Manage the leadership body to provide and handle international exchange opportunities in multiple countries.
- Oversee the planning and execution of events, leadership workshops, international relations and customer relations.
- Manage budgeting, fundraising, and resource allocation to ensure operational success and financial sustainability.
- Represent AIESEC in IIT at university and regional events, fostering a strong network with industry leaders and alumni.

SKILLS

Programming Languages

- Kotlin
- Java
- Python
- MySQL
- HTML
- CSS
- JavaScript

Frameworks and Tools

- Docker
- Grafana
- React/Next
- SpringBoot
- Linux
- Native Android Application Development

Other

- Photoshop
- Excel
- English Fluency
- Leadership skills

EDUCATION

BEng Software Engineering (Second Upper Honors with Industrial Placement)

Informatics Institute of Technology (University of Westminster)

September 2021 - May 2025

Relevant Coursework: Software Development, Web Design and Development, Object Oriented Programming, Database Systems, Mobile Application Development, Machine Learning and Data Mining, Algorithms: Theory, Design and Implementation, Cyber Security, Formal Methods, Concurrent Programming, Operational Research and Development

Secondary Education - Lyceum International School, Gampaha

November 2011 - June 2021

- CIE - Cambridge International Examinations (A'Levels)
- CIE - Cambridge International Examinations (O'Levels)

Primary Education - Durham, United Kingdom

September 2009 - September 2011

PROJECTS

Smart Batik Design Assistant (VasthraAI)

Final Year Research Project | September 2024 - Present | github.com/yashbim/VasthraAI_IMPL.git

- **Tech Stack:** Python, FlaskAPI, MySQL, React, Three.js.
- VasthraAI empowers cultural fashion designers by refining their designs and elevating their creations with a subtle infusion of artificial intelligence.

Bicycle Renting App (CityCycle)

March 2025 | github.com/yashbim/City-Cycle-App.git

- **Tech Stack** - Kotlin, Java, SQLite.
- This Android application powers a bicycle rental company, enabling users to access bikes from rental stations nationwide. Users can log in, reserve bikes, update their accounts, track their rental history, and explore promotions and offers. A maps feature integrates seamlessly to locate rental stations.

Anonymous Feedback Platform

July 2025 | github.com/yashbim/e-sugarcubes.git

- **Tech Stack** - Kotlin, PostgreSQL, SpringBoot, NextJS, TailwindCSS
- Anonymous Lecture feedback system where lecturers can create a link and students add their feedback.

Dice Rolling Game

Mobile Application Development Module | February 2023 | github.com/yashbim/Dice-Dominator.git

- **Tech Stack** - Kotlin
- This is a dice game played against the computer, where the player rolls 5 dice and whoever reaches the highest score first wins. The game includes reroll options, easy and hard modes, high score setters and more.

Mood Based Music Recommendation Application (MoodSpire)

Software Development Group Project | September 2022 - April 2023 | github.com/navichrishen/moodspire.git

- **Tech Stack** - Python, Flutter
- A mobile application that scans your face, checks your immediate mood, and recommends you a list of music to enjoy.

Sports Shop Website (SportsExpress)

Web Design and Development Module | July 2022 | github.com/yashbim/SportsExpress.git

- **Tech Stack** - HTML, CSS, JavaScript
- An interactive website for a sports shop using HTML, CSS and JavaScript.

AWARDS AND ACHIEVEMENTS

- **President** - AIESEC in IIT
- **Vice President (Marketing and Public Relations)** - AIESEC in IIT
- **International Relations and Campaigns Manager** - AIESEC in IIT
- **Organizing Committee (Codesprint 7)** - IEEE IIT
- **Organizing Committee (Cutting Edge 2023, 2025)** - IIT
- **Level 5 Pianist** - (ABRSM)
- **Piano Solo All Island Finalist (2016)** – Sri Lanka Festival of Music, Dance and Speech
- **Clarinetist (5 years)** – Western Band, Lyceum International School Gampaha
- **Badminton player** 2015-2019
- **Head Prefect** - Dhamma School

REFEREES



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