

Shruti Bhanushali

✉: sbhanushali2010@gmail.com ☎: +44 7867233792

: <https://www.linkedin.com/in/shruti-bhanushali-9539a025b/>

Personal Statement

A driven second-year BSc Computer Science student at the University of Wolverhampton. Proficient in Python, Java, and web development. Experienced in diverse roles, from a Checkout Operator to a Teaching Assistant and a Tutor, with a strong commitment to education and excellent interpersonal and organizational skills.

Portfolio-Website: <https://sbhanushali2010.github.io/>

Certifications and Skills Acquired

IBM Zxplore Badges:

- **Advanced Badge** (Earned: April)

Proficient in orchestrating system activities using Ansible and Zowe within Docker containerized environments. Skilled in COBOL, Db2, and Linux utilities like TSO. Experienced with 3270 Terminal, Regex, and VSAM.

- **Concepts Badge** (Earned: April)

Proficiency in IBM Z technologies. Demonstrating mastery in tasks such as data set administration, advanced command formulation, JCL management, and USS scripting, earners showcase expertise in Bash, Python, and MVS commands, ready to excel in complex mainframe environments.

Skills

- Native speaker of English, Gujarati, Marathi and Hindi.
- Proficient in COBOL, Python, Java, HTML, CSS, JavaScript, C, C#, and C++ showcasing strong programming and web development skills.
- Possess proficiency in Physics and Mathematics.
- Experienced in database management with SQL, PHP ensuring efficient data handling and retrieval and MS Excel(Pivot Tables) and Power BI.
- House Captain and Awarded for Leadership Qualities

Education

University of Wolverhampton, Wolverhampton, UK, September 2022 – 2026

BSc (Hons) Computer Science Expected First Class Honors

- Projects and Soft Skills Acquired
 - **Programming - Problem-solving**
 - Implemented Caesar Cipher encryption/decryption for secure text communication.
 - Programmed Tic-Tac-Toe with AI opponent and winner determination.
 - **Internet Software Architecture - Adaptability and Reflective Thinking**
 - Developed Weather Forecast app prototypes with live data retrieval, server-side caching using PHP and MySQL in prototype 2, and browser caching with localStorage in prototype 3. Included UML Deployment Diagrams and reflective reports for each version, emphasizing strengths and weaknesses of the evolving architecture.
 - **Games Technology - Creativity and User Experience (UX) Design**
 - Designed an educational Unity app for solar simulation, leveraging game technology for serious applications in learning.
 - **Object-Oriented Programming - Logical Thinking, Unit Testing and Documentation**
 - Designed Java banking system with Swing GUI for user transactions.
 - Developed a modified Trivial Pursuit game in Java, testing OOP principles, file handling, and unit testing. Implemented classes for reading, writing, deleting questions, game functions, game setup, and main. Created GUI with options to add and play questions. Incorporated a high score table and MySQL integration, ensuring modular design and testing.
 - **Data Analysis. - Analytical Thinking, Data Visualisation and Attention to Detail**
 - Developed regression models using Linear Regression Model, Random Forest Regressor, and Neural Networks for House prices (R^2 : 82.14%).
 - Applied classification algorithms (Decision Tree Classifier, Logistic Regression, NN), demonstrating proficiency in machine learning techniques for stellar classification and attained an accuracy of 96.96%.
 - **Numerical Methods - Scientific Approach to Problem Solving**
 - Implemented four distinct tasks using C programming. I developed a linear regression program, a multithreaded Pi calculation using the Leibniz formula, a prime number finder with multithreading, and a box blur filter for image processing with dynamic memory allocation and multithreading.
 - **Distributed and Cloud Systems Programming - Time Management and Attention to Security**
 - Developed cloud vs. traditional systems report, AWS e-commerce site, Akka actor simulation, and Google

Firestore web app.

○ **Collaborative Development – Teamwork and Effective Communication**

Role: Software Developer and Business Analyst

- Spearheaded the development of a Minimum Viable Product (MVP) for an innovative healthcare app and created a user-friendly Minimal Marketable Platform (MMP), emphasizing features crucial for patient-caregiver interaction. Implemented elderly-friendly design choices, catering to a diverse and less IT-literate audience. Engaged in Agile development, prioritized features, and supported R&D projects by analysing Next Generation Sequencing data. Contributed to Weekly Meetings.

St. John International School, Maharashtra, India, April 2018– July 2022

Qualification: General Secondary Education

- A-levels or equivalent: English, Mathematics, Physics, Chemistry, Biology – 80%; Equivalent to A in A-Levels.
- GCSE or equivalent: Higher Mathematics, English, Social Sciences, Science, Information technology, and Marathi – 91.2%; Equivalent to A* in GCSE

Work Experience

Amethyst Academies, Wolverhampton, UK, September 2023 – Present

Teaching Assistant

- Assisted in grading assignments and provided academic support, showcasing strong teamwork.
- Worked with special education students, displaying adaptability and empathy.
- Implemented Individualized Education Plans (IEPs), highlighting a focus on individualized learning.

Heroes Centre Limited, Walsall, UK, November 2022 – Present

KS3, GCSE and A-Levels Mathematics and Science Tutor

- Utilized educational tech to modernize teaching, showing adaptability.
- Delivered engaging presentations and facilitated discussions, honing strong public speaking skills.
- Regularly assessed student progress and adapted lessons to individual needs, showcasing dedication to personalized education.

Now Education, Wolverhampton, UK, January 2023 – September 2023

Teaching Assistant

- Assisted the teacher in delivering lessons by preparing materials, setting up equipment, and ensuring a conducive learning environment.
- One-to-one with SEN pupils lead in documentation and monitoring of each child.
- Conducted sessions with one-to-three groups.

BrrGrr CO Ltd, Wolverhampton, UK, March 2023 – May 2023

Store Cashier

- Efficiently managed front-of-house operations at a fast-food restaurant, handling orders through the till, kiosk, and online platforms. Excellent Communication Skills and Customer service skills.
- Proficiently coordinated deliveries, showcasing multitasking and customer service skills in a fast-paced environment.
- Generated daily reports summarizing online and in-store business metrics, including order volumes and delivery statistics using in-house drivers and third-party platforms like Stuart.

Activities

Professional Mentoring Scheme By Escalon Scholars (2020 – Present)

- Awarded a competitive scholarship for academic performance and commitment to personal and professional development
- Mentored by an external professional from companies like Morgan Stanley.
- Engaged in regular one-on-one sessions, focusing on skills development, career growth, and networking opportunities.

References

Available on request.