

# Sahitya Sakthivel

## SOFTWARE ENGINEER

+44 7484649400 | [sahitya.dhana@gmail.com](mailto:sahitya.dhana@gmail.com)

### Objective

Motivated and quick-learning software developer with emerging hands-on experience across the full software development lifecycle. Driven by a passion for continuous learning, creative problem-solving, and team collaboration to deliver impactful solutions. Eager to contribute to real-world projects and develop professionally through practical experience.

### Experience

#### Bank of America | Software Engineer | 2024 - Present

- Develop and maintain applications that enhance operational efficiency
- Write and maintain rigorous tests to validate the functionality and reliability of these applications
- Contribute to the development of Proofs of Concept to validate technical feasibility and design choices
- Present project progress and technical updates to senior management, enhancing communication and presentation skills.
- Engage in code reviews and version control to uphold good agile development practices.

#### Kings College London | Teaching Assistant | 2023-2024

- Supported students in understanding core programming concepts, helping them improve their problem-solving and coding abilities.
- Fostered an engaging and supportive learning environment to help students build confidence in their technical skills.
- Led lab sessions for up to 40 students in the *Programming Practices and Application* module, guiding them through hands-on coding exercises.

### Education

#### Kings College London, BSc Computer Science 2024

**Grade:** First Class (87%)

**Modules:** included: Programming Language and Design Paradigm and Practical Experience and Programming, Foundations of Computing and Data Base Systems.

**Awards:** Florence Hughes Exhibition- Awarded to a second-year female student who has achieved the highest standard of work in the Natural, Mathematical and Engineering Sciences faculty.

### Skills & abilities

---

- **Communication and Teamworking skills** - Through both professional and volunteer experiences, I've developed strong communication and collaboration skills. At work, I regularly contribute to team projects, sharing ideas, giving and receiving feedback, and coordinating tasks to

meet deadlines. Volunteering has also helped me adapt my communication style to different team dynamics, ensuring that I listen actively and contribute effectively.

- **Problem Solving Skills** - I enjoy tackling complex problems and thinking critically under pressure. I competed in the Senior Maths Challenge, which sharpened my logical reasoning. I also solve programming challenges on platforms like LeetCode to strengthen both my coding and analytical thinking.
- **Technical Skills** – Programmer in Java, Python, Scala, HTML, CSS, C++, and SQL. I'm familiar with key data structures and core programming principles and continuously expand my knowledge by working on diverse projects and coding challenges.