**Samsung Innovation Campus**

**Application Form**

Information you put in this application form will be used to select participants for Samsung Innovation Campus(SIC) program. Additional test and assignments will follow as well (depending on course topic). Please fill out this application form and submit it by *deadline* to the person in charge *email address*

1. Basic Info ****

* **Name (required)**: DHANANJAYA D
* **Age (required)**: ☐ Under 18 🗹 18 - 24 ☐ Over 24
* **Gender**: ☐ Female🗹Male ☐Prefer not to answer
* **E-mail (required)**: dhananjaya.23ise@cambridge.edu.in
* **Phone Number**: 8296704930

2. Education

* **High School**: SRI SIDDHARTHA RESIDENTIAL HIGH SCHOOL
  + **Graduated**: 🗹Yes ☐ No ( ☐ Attending ☐ Dropped out ) ☐ GED
  + **If yes, what was your final GPA?**: 7.2
  + If no, please explain why:
* **University**: VISVESVARAYA TECHNOLOGY UNIVERSITY
  + **Major**: ISE
  + **Current Year in University**: ☐ First year ☐ Second year 🗹 Third year ☐ Fourth year
  + **Cumulative GPA**:8.6
  + If not enrolled in University, please explain why:

3. Course completion Document (required)

* (3-1). Have you taken any course on IoT (including network and protocols)? If yes, please list the name and the institution below.

NO

* (3-2). Have you taken any course in programming language? If yes, please list the name and the institution below.

Data structure and algorithms using java, Infosys Springboard

* \* For all listed courses above, **attach official documents** that can prove that you have completed the course (e.g. transcript, course completion document from school registrar, certificate or letter signed by professor)

4. Prior Knowledge (required)

* (4-1). Do you have experience of Python programming language?

☐ No experience ☐ Some experience in classroom setting ☐ Built a project independently (if so, please describe the project with the code source or website it’s been deployed to)

* (4-2). Do you have some experience of any other programming language? If you have experience, which programming language have you used?

🗹

C 🗹 Java ☐ JavaScript ☐Ruby ☐Other

* (4-3). Please explain your experience of programming with the language in detail:

Grammar: Variables, operators, control structures, methods, classes.

DB Connection: JDBC (Java Database Connectivity) with drivers.

Libraries: Java Collections, File I/O, Networking, GUI (Swing, AWT).

Popular Frameworks: Spring, Hibernate, Apache Commons.

Key Features: Object-oriented, platform-independent, robust security.

5. Career Goals & Expectations (required)

* **(5-1). Please specify your career goal:**
* My career goal is to become an IoT solutions architect, focusing on designing and implementing smart systems that enhance connectivity and automation across various industries. I aim to develop innovative IoT applications that improve efficiency and user experience while addressing security and scalability challenges in this rapidly evolving field.
* **(5-2). Please explain what you would like to achieve through SIC program:**
* My purpose in the SIC program is to enhance my knowledge of IoT technologies and gain practical skills in system design and data analysis. I expect to work on real-world projects, build a professional network, and prepare myself for a successful career as an IoT solutions architect.
* **(5-3). How did you find out about SIC?**
* I got to know by my seniors who were part of SIC in previous batch.

6. Work Experience & Activities

* (6-1). Please list any work experience or activities you have been involved in with organization, position, duration and role description

NO

7. Certifications & Awards

* (7-1). Please list any honors or awards you have received with details, including the organization, and date

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8. Essay (required)

* **(8-1). Tell us about yourself and why you are applying to Samsung Innovation Campus program (300 words)**
* I have a strong passion for technology and its ability to drive positive change in our world. My experience includes coding, problem-solving, and a keen interest in innovative solutions. I firmly believe that by leveraging technology, we can tackle some of the most pressing challenges our society faces today.
* I am applying to the Samsung Innovation Campus program to deepen my knowledge of technology and acquire practical skills that will support my future career. This program presents a unique opportunity to learn from industry experts and collaborate with peers who share my enthusiasm, which I find incredibly exciting. I am particularly drawn to fields like artificial intelligence and sustainable technology, as I believe they are essential for future progress.
* Moreover, I admire Samsung’s dedication to innovation and social responsibility. Participating in this program would enable me to work on projects that not only focus on advanced technology but also prioritize making a positive impact on communities. I am eager to learn about designing and implementing tech solutions that can genuinely improve lives.
* In conclusion, I believe the Samsung Innovation Campus program aligns perfectly with my interests and aspirations. It provides an opportunity to enhance my skills, engage in meaningful projects, and connect with others who are equally passionate about technology. I am excited about the chance to be part of this program and contribute to innovative solutions that can make a real difference.
* **(8-2). Please describe your passion in the course topic you selected: IoT (300 words)**
* My passion for the Internet of Things (IoT) comes from its potential to connect our world in meaningful ways. IoT enables devices to communicate over the internet, leading to smarter homes, cities, and industries. I’m particularly excited about smart home technology, where you can control lights, thermostats, and security systems from your smartphone, making life more convenient and energy-efficient.
* I’m also drawn to IoT applications in healthcare, such as wearable devices that monitor our health in real-time, helping us make better lifestyle choices. This ability to improve health outcomes is truly inspiring.
* Moreover, IoT can transform industries like agriculture and transportation. Smart sensors can assist farmers in monitoring soil conditions, while connected vehicles can enhance traffic flow and reduce accidents, making roads safer.
* Through the Samsung Innovation Campus program, I want to explore these applications further and learn to develop IoT solutions that tackle real-world challenges. I’m excited to collaborate with others who share my passion for technology and innovation to create a smarter, more connected world that benefits everyone.

9. Underserved Population

* (9-1). Do you belong to the underserved population? (Underserved population is defined as “insert definition here as defined by each subsidiary”)

☐ Yes 🗹No

* \* If yes, **attach official documents** dated within the last 12 months