

Portfolio Submission

**Apple Developer Academy
@ Infinite Learning, Batam
Batch 2025**

Rivam Raj

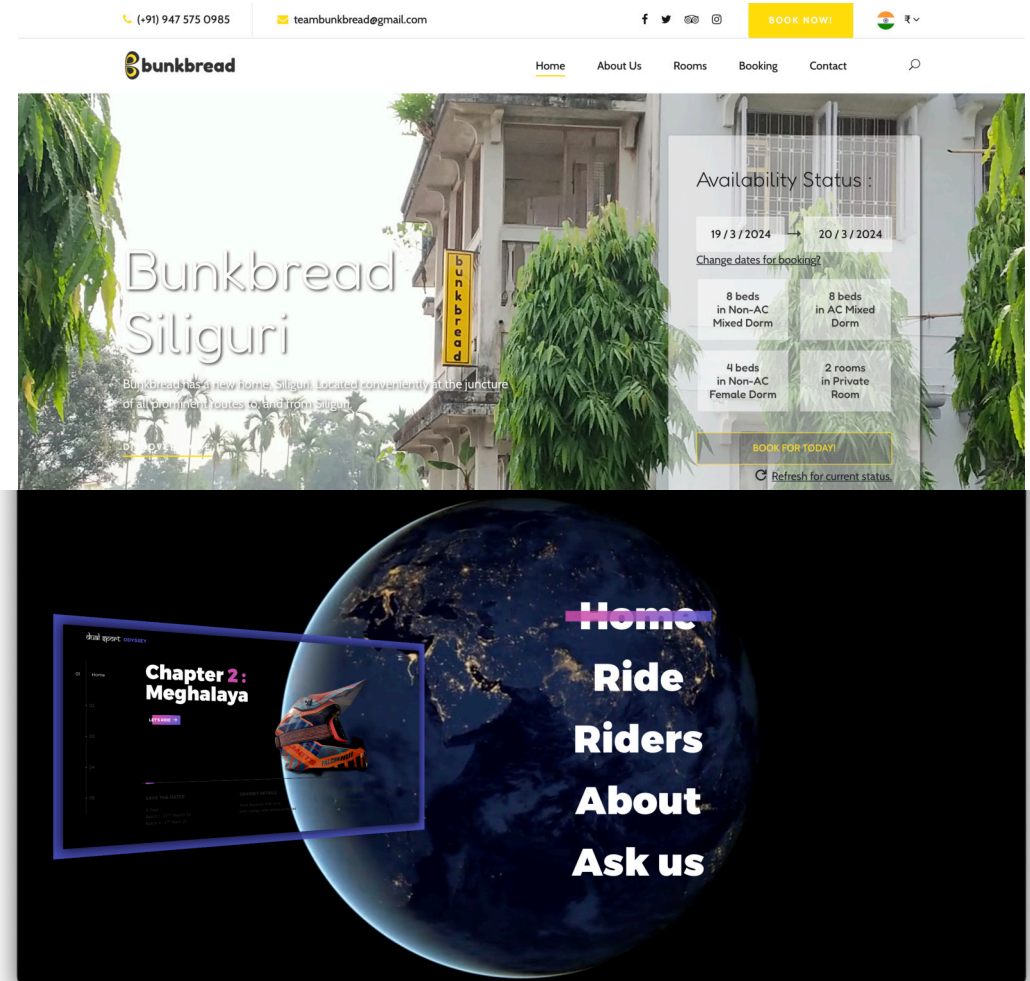
rivamraj@gmail.com
+91 9934935628
fusionslabs.com/rivamraj

Full Stack Web-dev

<https://dev.bunkbread.com/>
<https://dualsportodyssey.online/>

2023 - ongoing

- Under development; designed to provide complete booking, inventory and guest management solutions to the business.
- Developed in Next JS, with a server-less backend and a manager dashboard using Google Sheet/ App-Script
- An innovative data model for managing guest/ inventory.



Appreciation Letter

From Prime minister's office, Government of India

2018

- This letter was granted in lieu of a project designed and developed by me during high school in guidance of my teachers/ mentors.
- My idea regarding an automotive engine was regarded and appreciated as a startup idea, which is being worked on privately at the moment for further R&D.

Udyog Bhawan New Delhi
Dated: 27th February, 20

To,

Shri Rivam Raj
Rly. Qtr. No. - 1048/D, Emergency colony
Katihar, Bihar-854105
Email: rivamraj@gmail.com

Subject: Grievance from Shri Rivam Raj -Registration No. PMOPG/E/2018/0067333-Reg.

Sir,

I am directed to refer to your above mentioned representation on CPGRAMS portal and to say that your Startup idea is appreciable. Startup India is a flagship initiative of the Government of India. Under the program, many measures have been taken with the intention to help entrepreneurs set up their Startups.

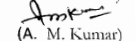
2. In this context, you are informed that the Startups recognized by DIPP can avail many facilities provided under this scheme. And the criteria to be defined as a startup are clearly enumerated in DIPP G.S.R. Notification 501(E) dated 23rd May 2017 which may be found on the link <http://www.startupindia.gov.in/notification.php>. If your entity is eligible as Startup according to the definition given in above mentioned notification, you may recognize your entity as a startup online on the Startup India portal (<http://startupindia.gov.in/>) to get benefits under Startup India initiative.

3. Additionally, to take your idea forward you may consider the following options:

- Startup India Hub:** An online hub to act as a one-stop online platform for the entire Startup ecosystem has been launched which allows you to connect with investors, mentors, incubators and provide you access to resources & toolkits – like information about different government schemes, learning & development modules, market research reports, etc. Register now at <https://www.startupindiahub.org.in/>.
- Startup India Learning Program:** A 4-weeks free online learning & development program has been started to educate new and existing entrepreneurs on how to start a new business and how to scale up an existing one. You can enroll at <https://www.startupindiahub.org.in/content/sih/en/learning-and-development.html>.
- Incorporation of Company:** Once you believe your idea to be viable, you can incorporate your company through MCA or Registrar of Firms using the existing processes. For more information please visit <https://www.startupindiahub.org.in/content/sih/en/resources/knowledge-bank/company-registration.html>. Subsequently, register your startup on the Startup India website to avail the benefits offered by the initiative.
- Connect with an incubator:** There are Government of India approved incubators across India that assist entrepreneurs with all aspects of business, from advising you on the feasibility of your idea to mentoring you on how to procure assets, acquire funding, and scale your operations. The list of incubators, their location and thrust areas can be accessed at http://startupindia.gov.in/pdf/infoc.php?title=List%20of%20Incubators&type=information&content_type=&q=list_of_incubators.pdf.
- Financial assistance:** It is informed that recognized startups under the Startup India Scheme have access to financing through SIDBI fund of funds - <https://venturefund.sidbi.in/ffs.php>. For information about various government schemes and loans please visit <https://www.startupindiahub.org.in/content/sih/en/resources/government-schemes.html#4>.

4. For any further clarification, please feel free to call on toll-free helpline 1800115565 or write to email id: dipp-startups@nic.in.

Yours faithfully


(A. M. Kumar)

Under Secretary to the Govt. of India

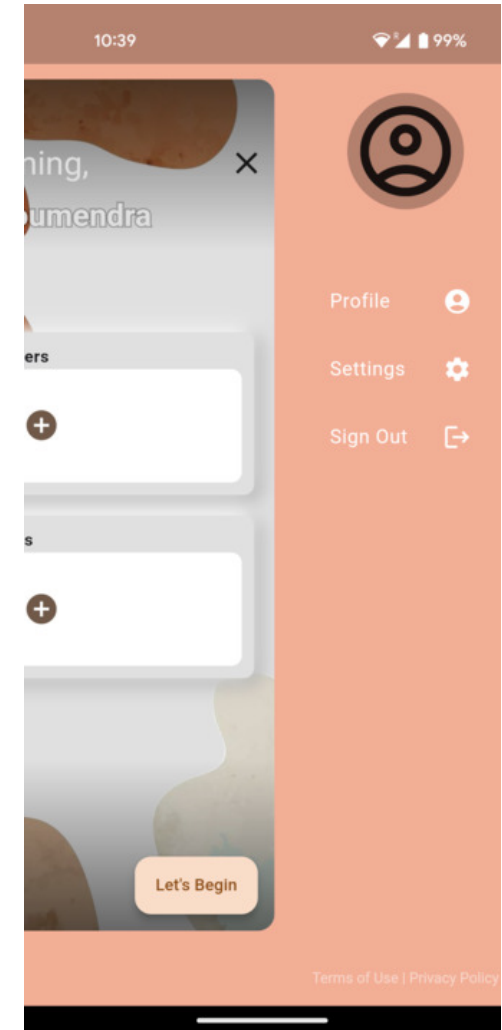
Copy for information to: US, PR&C Section, DIPP, Udyog Bhawan.

Mobile App Dev

Using Flutter

2024 - ongoing

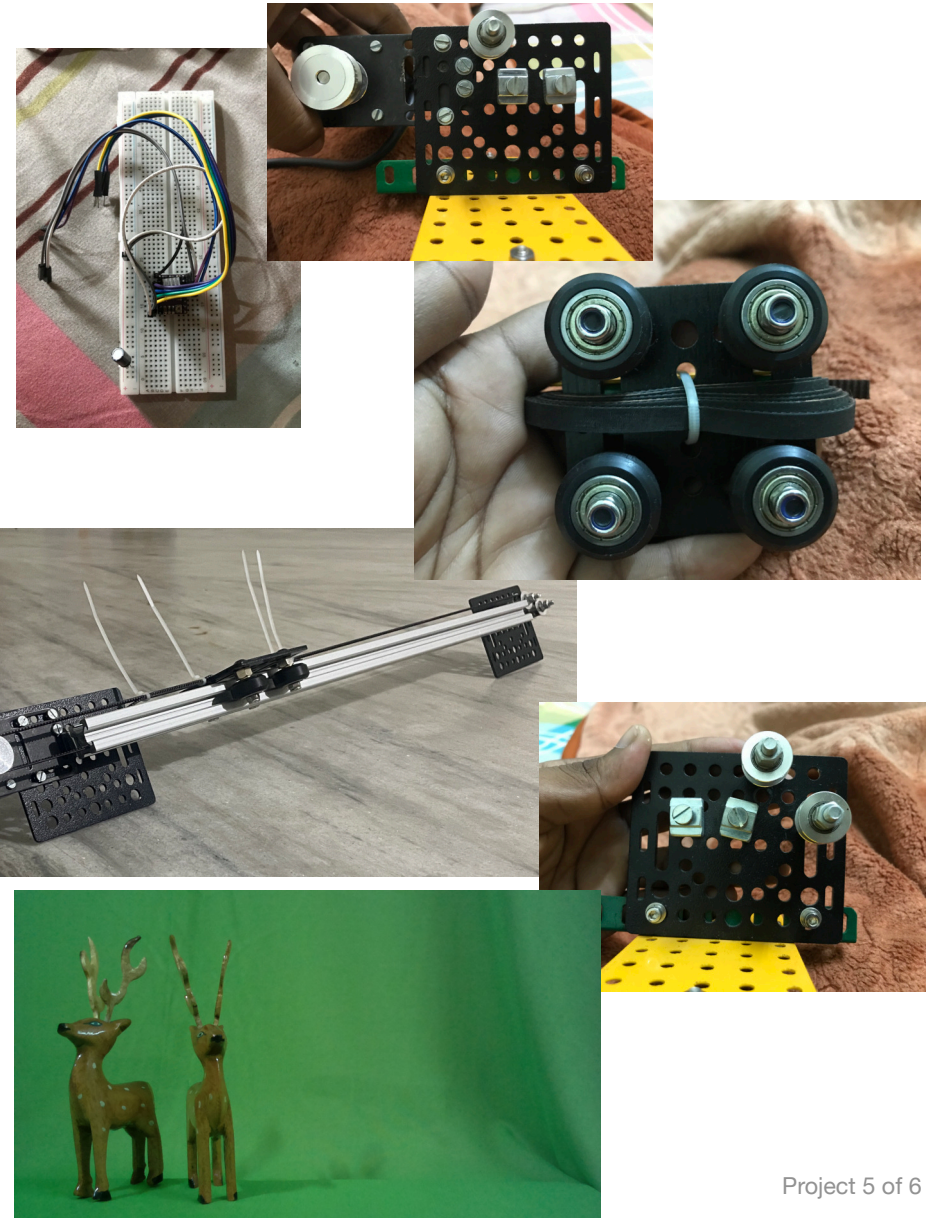
- The app is being developed based on the requirement of my mentor.
- App features an AI backend and a flutter frontend to process end results to user.
- This involves Whisper by OpenAI, Flutter, Material UI, Python (backend) for development.



Stop-Motion Anim Device for kids

2023 - ongoing

- A device for capturing stop-motion animation, with simple UI, such that small kids and also make use of it.
- Developed using Raspberry Pi, Nema17, Rpi-camera, Micro-python & python libraries.
- Pictures of the device and a sample image from it is shown on the side.



3D Maze solving Robots

For competition at IIT Bombay

2018

- International Robotics Challenge - 2018, organised by IIT Bombay at Techfest in India.
- One completely automated robot and another manually controlled through the wireless controller.
- Models were completely built in school lab using sensors, components and programmed using Arduino.
- CAD designs for 3D printed components and Acrylic board frame.

