

# ANIRBAN DUTTA

Software Engineer, CapGemini

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## PROFESSIONAL EXPERIENCE

Software Engineer, CapGemini September, 2021 - Current

Part of an **Agile DevOps team**, working on **Embedded Systems** and to support the customers in every iteration of the software release. (March '22 - Current)

- Winner of the **Outstanding Contribution in Delivery Team Award (ER&D), 2022**
- Responsible for working in fixing a Mass CPE Upgrade issue for **1.2 million live devices** in the field.
- Worked closely to **implement a feature** that enabled the dpu to recover after a hard Factory Reset for **NBN**.
- Supported in writing multiple **Bash scripts** to recover dpu from different states of inactivity.
- Worked on **fixing a incorrect Broadcast message in DHCP** in ADTRAN DPU's
- Actively participated in debugging/solving multiple DPU-PMAA Issues, assuring a smooth software release for the customer for 3 iterations.
- Worked in creating **stable DPU-PMAA Connection** for multiple live devices in Hyderabad for ADTRAN.

**Python Automation** using **Robot framework** (October '21 - February '22)

- Responsible for converting the pre existing scripts of TR69 to the customers new product TR181.
- Worked closely in **writing/ debugging/ fixing** automation scripts to make the test cases pass.

## PROJECTS

- **Hospital Management System**
  - Built a complete end-to-end Hospital Management System simulator.
  - Built interface for admins, doctors & users with proper authentication & authorization.
  - Also implemented caching in the backend to improve API performance.
  - Technology Used: ReactJS, NodeJS, ExpressJS, MongoDB, JWT
- **Air Hockey** - <https://youtu.be/2KSAIMZnnuE>
  - 2D multi-player game that requires no controller in hand to play
  - The technology used - Java, Image Processing, Processing Library.

## POSITION OF RESPONSIBILITY

- **Web Developer Intern** at Knuts Ventures ( 2020 )
- **Web Developer Intern** for MS Haque Clinic (2020 )
- Served as **Vice President of Public Relations** at **Kolkata Toastmasters Club** (2020-2021)
- **Assistant PR Manager** of **Division K, District 41 Toastmasters International**
- **Chartering Member** of **League of Entrepreneurs Toastmasters Club, Division K**

## EDUCATION

**B.TECH |2017-2021 |REGENT EDUCATION AND RESEARCH FOUNDATION**

Computer science and Engineering | YGPA: 8.73

**12TH (H.S) | 2016 | DDKBHS**

Major: Physics, Chemistry, Maths | Percentage: 85.1%

## TECH STACKS

**Data Structures & Algorithms**

**Coding Languages** : C++, C, JavaScript, Python

**Front End** : Html, CSS, React

**Tools** : GitHub, JIRA, Spirent, Wireshark, Linux