

EDUCATION

- **Manipal University** Jaipur, India
Bachelor of Technology in Computer Science; GPA: 8.95 *Aug. 2015 – Aug. 2019*

EXPERIENCE

- **Samsung Research** Bangalore, India
Software Engineer *April 2020 - Present*
 - **Tizen Studio:** Tizen Studio SDK Development and various tools associated to it. Developed a packaging feature which can be used to package resources or trained AI Models into a separate project, this enables developers to push the updates for the baseline requirements of an application without updating the actual application. Enhanced some features by making alternative CLI Commands which can be used with Tizen CLI. Worked on critical certificate encryption issue which prevented the remote system users from accessing encrypted certificate files.
 - **Research:** Worked on Cloud IDE using eclipse che and made various POCs for using Tizen Tools, with che, on a browser based environment using kubernetes, docker, eclipse che.
 - **Software Competence:** Top Performer in Samsung's Software Competency League, mentored team members and created medium-hard problems for the organisation to solve and compete.
 - **VS Code Tizen Extension:** Working on Tizen Extensions for VS Code which help to create, build, run Tizen Apps through VS Code provided there are necessary binaries available in the user environment.
 - **Debug Setup Automation:** Used Eclipse Oomph project to automate various Tizen Studio modules debug setup. This feature helped developers in the team to reduce setup time and effort also making onboarding of new members easier.
- **Microsoft** Hyderabad, India
Secure Infrastructure Associate *July 2019 - April 2020*
 - **Global Services Projects and Hackathons:** Managing Secure Infrastructure Projects which includes many Azure related offerings across multiple Time Zones. Participated in Aspire Hackathon with a Global Team and made a POC to suggest the most carbon efficient region to chose from a global list of regions while configuring virtual machines on Azure.
- **Piggy Valuevest Pvt Ltd** Bangalore, India
Software Engineering Intern *Jan 2019 - May 2019*
 - **Search Optimizations:** Optimized search feature of an Investment platform using many filters and customizations available in the Elastic Stack. The feature is live on <http://www.piggy.co.in/mutual-funds/>
 - **External Portfolio Synchronisation:** Automated the process of resolving the discrepancies in transactional data of users from external brokers and synchronising it the user's orders from our platform.
 - **Feature Development (Insta Redemption) :** End to end development of a feature which increased the speed of redemption process by two days for selected funds.

COMPETITIVE PROGRAMMING

- **ACM ICPC 2018 – 19 :** Rank 1 in College in the Online Round. Honorable Mention in Kanpur Regionals.
- **ACM ICPC 2017 – 18 :** Rank 1 in College and 87th in Asia – Amritapuri Regionals.
- **Google CodeJam 2018:** Round 2 of CodeJam 2018 Rank 1493 globally.
- **Facebook Hackercup 2018:** Cleared the Qualification Round.
- **CCDSAP:** Codechef Certified Programmer in Data Structures and Algorithms Foundation Level.
- **Codechef:** Highest Rating 1822 with a global rank of 152 in December Lunchtime 2019.

PROJECTS

- **Speech to Text Conversion:** Used AWS Transcribe to convert Long Recorded Messages into text format. The convertor had a capability to convert a speech of an hour long duration to text and also supported multiple languages.
- **Handwritten Digit Recognition:** Compared different models of Machine Learning with CNN in Deep Learning. Used the MNIST Dataset.

PROGRAMMING SKILLS

- **Languages:** Java, C++, C, Python
- **Technologies:** Eclipse Che, VS Code, Django, Elasticsearch, GIT, PostgreSQL