

## Work Experience

### Software Engineer, Perpule

May' 18 – Present

- Responsible for building and scaling the subscription application for some of India's largest hypermarkets.
- Developed products and self-checkout apps for hypermarkets that created massive impact in offline retail industry.
- Experienced significant growth in company's business, worked with some of Perpule's very first international clients.

### Software Engineer, PinkBlue Supply Solutions

Oct' 17 – May' 18

- Developed the SaaS application for Hospitals across India, clients grew from two to twenty.
- Responsible for designing, optimizing scaling the product for the untapped medical industry.

## Internships

### Grand Prize Winner, FOSSASIA CodeHeat 2017

Sept' 17 – Jan' 18

- Contributed for 5 long months, competing against 647 developers from 13 countries.
- Awarded a travel grant to join at the FOSSASIA Summit in Singapore.

### Open Web Application Security Project (OWASP) Code Sprint 2017

July' 17 – Aug' 17

- Developed the Bugheist Django application and added various new features.
- Exponential rise in users, with significant reduction in bounce rate.

### Google Summer of Code Intern, NRNB

May' 17 – Aug' 17

- Added support for PSIMI-TAB format to the Disease Variant Impact (DV-IMPACT) Database
- Selected as the featured project in the organization for the year 2017

### Open Source Developer, Zulip Inc.

Dec' 16 – Apr' 17

- Made substantial contribution to the Zulip-web, Zulip-desktop and Zulip.org repositories (~3000 lines)
- Ranked 25<sup>th</sup> among 250 contributors.

### Co-Founder and Lead Developer, UnivInks

Apr' 15 – May' 16

- Co-Founder and Lead developer at UnivInks, an Ed-Tech startup of IEST Shibpur.
- Eureka (IIT Bombay) Semi-finalist, received 600+ signups within the 1<sup>st</sup> week of launch.

## Education

### Indian Institute of Engineering Science and Technology, Shibpur [2013 – 2017]

CGPA - 7.6

- An active member of various clubs such as Entrepreneurship Development Cell and CodeIEST Programming club

## Accomplishments

1. Invited as a speaker on **Open Source** at IIT Kharagpur and IIIT Varodara
2. Delegate under **Technology and Innovation**, Harvard Project for Asian and International Relations 2018
3. Content creator at **geeksforgeeks.org**, the most popular Computer Science portal for geeks.
4. **Runner-up at Escapist** Computer Vision based Autonomous Robotics event in Instruo'15 [IEST Shibpur]
5. **Semi-Finalist at Eureka 2015** [IIT Bombay], Asia's largest B-Plan Competition with over 9000 applicants

## Mentorship Experience

1. **Google Summer of Code 2018** under NRNB (University of Toronto, Canada).
2. **Google Code-In 2017** under Zulip, Inc.
3. Team Coach at **Rails Girls Summer of Code 2018**.
4. **IIT Kharagpur Winter of Code 2017** Mentor.
5. Mentor at **GirlScript Summer of Code 2017**.
6. Mentor at **WooTech Open Source Programme**.

## Projects

### PRM-DB Network Visualization

<http://prm-db.org>

- A Protein-Protein interaction network visualization application written in PHP.
- Uses Cytoscape.js to generate network model of ~1 million protein interactions.
- Application used by biologists and researchers working on disease variant protein interactions.

## Proficiencies

Backend Technologies – Django, Flask, Laravel, CodeIgniter, Node.js, Java, Rails

Frontend Technologies – Angular, React, Backbone.js

Mobile Technologies – Android, React Native

Databases – MySQL, PostgreSQL, Redis, MongoDB

Cloud Technologies – AWS, Google Cloud Platform

DevOps – Docker, Jenkins