

# Priyatam Piyush

3rd Year Undergraduate  
Aspiring Software Engineer

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## Academic Qualifications

Year	Degree/Certificate	Institute	CPI/%
2018 - Present	Bachelor Of Engineering	Jadavpur University , Kolkata	8.67/10
2017	CBSE(XII)	Krishana Public School, Patna	82.6 %
2015	CBSE(X)	D.A.V Public School, Jamui	10/10

## Experience

- **Hopscotch Health** (Feb'21 - Apr'21)  
**Software Development Engineer Intern**
  - Developed test scripts and test cases to effectively test new software features for deployment worldwide in a Continuous delivery environment.
  - Performed **Automated functional testing** , **manual regression testing** and **non-functional performance testing**.
  - Work with a variety of different languages, platforms, frameworks, and content management systems such as **C -Sharp,Python Github, Jira ,selenium, apache Jmeter and airtable**.
- **GILBARCO VEEDER ROOT INDIA** (Aug'20 - Feb'21)  
**Software Development Engineer Intern**
  - Developed test scripts and test cases to effectively test new software features for deployment worldwide in a Continuous delivery environment.
  - Performed **automated and manual regression testing**.
  - Executed tests to ensure **PCI/PA-DSS compliance** in a multi system, multi database payment processing environment.
  - Assisted in the design and creation of an automation test framework built in **Python**.
  - Work with a variety of different languages, platforms, frameworks, and content management systems such as **Python, C-sharp, Bitbucket,Katalon studio ,selenium, xampp and Pinpad Simulators**.
  - Communicate with multi-disciplinary teams of developer, tester, scrum master, and product owner on agile business environment.
- **Actinide Limited** (May'20 - Aug'20)  
**Software Development Engineer Intern,**
  - Worked with a team of designers to build a Education platform which is used as an online personalized learning tool for children aged 7 to 12 years.
  - Work with a variety of different languages, platforms, frameworks, and content management systems such as **JavaScript, TypeScript, Gatsby, React Native, firebase, Redux, Github, Trello and Netlify**.
  - Communicate with multi-disciplinary teams of developer and product owner on **agile business environment**.

## Key Projects

- **Prayas** (Dec'20)  
**Hult Prize**
  - Help Emerging Brands make it to the right market, offering every service they need.
  - Extensive use of **Data Science** to fine-tune Food supply Chain according to customer demands.
  - Ensure shorter journey of food, using **Data Analytic to localize food production, thus reduce use of Preservatives**
- **PCOVID 19** (Apr'20)  
**HACK THE CRISIS-INDIA**
  - Created a Web app Which will serve as a **collaborative platform** between the state and district administration and also the medical authorities to Fight against Covid 19.
  - The web app can be accessed by a lot of people to get authentic information regarding Covid 19 and also help the users if they suspect themselves infected .
  - It provides an area based tracker for COVID19 so that everyone can get an acute idea of their surroundings and it also contains the page from where you can directly donates to **PM CARES FUND** .
- **SMART TRAFFIC MANAGEMENT** (Mar'20)  
**HackNPitch**
  - Worked on **Precise Queue estimation** and alternate route suggestion .
  - Used principles of **Fluid Dynamics (Continuity equation )** to avoid jams by estimating volume of traffic through a part of the road .
  - Created a model of Smart Parking system With the help of WiFi module built in to communicate in between cars to suggest the user the best possible place to park his car.

## Achievements

- Secured **1st Rank** in **HackNPitch** Organised by E-Cell Jadavpur University.
- Secured **Top 6** in **Hult Prize On Campus** Organised by E-Cell Jadavpur University and Hult Prize India.
- Secured **Top 300** in **HACK THE CRISIS-INDIA** Organised by Govt. Of India .
- Secured **Top 250** in **MJFCODE19 Hackathon** Organised by Motwani Jadeja Foundation .
- Secured **Top 750** in **IICDC 2019** Organised by Department Of Science Technology and Texas Instruments .
- Received the **Academic Excellence Award** for exceptional academic performance in 10th.

## Technical Skills

- **Programming Languages:** C, C++, C-Sharp, HTML, L<sup>A</sup>T<sub>E</sub>X, Python, Javascript,css.
- **FrameWork:** React js,React Native, Redux.
- **Software:** Git Hub, Git, Bit Bucket , Git lab, Jira, Trello, Airtable,Apache Jmeter, Katalon Studio.
- **Miscellaneous:** Firebase, Agile Project Management,Manual Testing,Automated Testing,Black box Testing,White Box Testing,Grey Box Testing, Integration Testing,Functional and non functional Testing,Test Planning,API Testing , Performance Testing .