

# HIMANSHU BHUSHAN BALASAMANTA

## ACADEMIC PROFILE

Degree/Certificate	Institution	Percentage/CGPA	Year
B-Tech	Electrical Engineering IIT (BHU), Varanasi	8.17	2022
Goa Board Of Sec. & H.Sec. Edu (XII)	MUSHTIFUND ARYAAN HIGHER SECONDARY	86.83	2018
Goa Board Of Sec. & H.Sec. Edu (X)	BHATIKAR MODEL HIGH SCHOOL	91.00	2016

## SKILLS

**Languages** | C, C++, Java, Haskell, Purescript.

## INTERNSHIP/TRAINING

### Software Engineering Intern @Juspay

May 2021 - June 2021

*Collaborated with Full time developers in the Refunds Team producing the next Refunds version*

- **Debugged** and Reduced the weekly Manual Review cases in refunds by 17% by going through the production logs and **troubleshooting** issues in code.
- Enabled changes to be made on the fly by shifting the action-on-failure decision from code-based to DB-configuration, thus reducing reaction time drastically.
- **Exposure:** REST APIs, PureScript, Redis, MySQL, Postgresql.

### Google Summer Of Code 2020 @Eclipse Foundation

May 2020 - August 2020

*Open Source Contributions to internal Widget Library to support non-IDE features*

- Re-structured the primary Canvas Widget of Java Widget Library, enabling widgets to be more flexible, which increased the non-IDE functionalities. [Sample Examples](#)
- Handled custom requests on the Pie Charts from dependent library developers [Sample Request](#).
- Designed Multi-Level Pie Charts, structured as Tree, with colours of nodes decided on run-time with Graph Colouring Algorithm to minimise repetition of colours. All chart Variations. [1](#) [2](#) [3](#).

## PROJECTS

### Department Fest WebApp

Feb 2021

*Lead Backend developer of the Web App that saw 450+ participant teams from all over India*

- Email verification was used for User Registration and Reset Password(through Django core email).
- Team formation for events through requests was implemented.
- Handled requests from the events' teams on sending workshop emails and collecting required fields from participants (Django Admin and SMTP).
- <https://www.electricalfest.in/>

## POSITION OF RESPONSIBILITY

### Lead Backend Developer of Department Fest Web App (Prastuti)

Feb 2021 - Mar 2021

- **Designed** the Backend and **lead** the backend team of the Department Fest Web App

## HONOURS AND ACHIEVEMENTS

### Competitive Programming

- Global Rank 3 in Codechef Elevate (Competitive Programming and Computer Science based quiz)

### NTSE Scholarship

- Selected in top 775 in General category in India for good analytical skills, logical and critical thinking.

## EXTRA-CURRICULAR ACTIVITIES

### Volunteered in Organising the YES!+ Workshop of Art Of Living

- 140+ freshers enrolled for the paid program each year for past 2 years, where stress releasing techniques like Sudarshan Kriya are taught to them.

### Member of COPS (Institute Programming club)

APRIL 2020 - PRESENT

*Actively involved in mentoring juniors and organising programming workshops in the Institute*

- Organised the annual online summer workshop of the club (CSOC) for year 2019-2020.

### Others

- LinkedIn Profile <https://www.linkedin.com/in/himanshu-balasamanta>
- **Portfolio Website** : <https://www.himanshubalasamanta.tech/>

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