

# Bidipto Bose

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Portfolio Website: <https://bdbose.in>

## Work Experiences

### SDE

#### SaffronStays

Remote | July 2022 – Present

- Migrating existing Nodejs APIs to Golang, improving and optimizing API response time by more than 150%.
- Worked with NLP, Elastic Search and Python for making the Chatbot used in the SaffronStays Website for improving user-flow and user engagement.
- Also made a NLP Recommendation Engine which recommends user Villas based on the type of villas they are looking.
- Made a whole Inventory Management Dashboard using ReactJs called SYNC where admins/Home owners can use to update their inventory, rates, block dates, etc. Fully custom calendar made from scratch.
- Contributed to the CMS dashboard where admins can update villa details, update/upload photos and much more.
- Improving SEO and optimizing the main website. Increased Google impressions and clicks by 40%.
- Making the whole Backend APIs and Frontend Finance Module for the Finance Management.
- Tech Stack - ReactJs, Golang, MySQL, AWS(EC2, S3), Python(Flask), NodeJS.

### SWE Intern

#### Nykaa

Remote | May 2021 – July 2022

- Working with the User Management Team managing and improving user related activities e.g., Login, Authentication.
- Migrating PHP(Magneto) monolith APIs to Django for more scalability and security. Creating new APIs in Django and testing.

### SDE Intern

#### Trell

Remote | Sept 2021 – May 2021

- Handling backend for 25M+ users. Worked on various techs as Kafka, Redis and AWS(EC2,S3).
- Created many APIs and also improved response time of APIs. (Golang and MySQL)

## Education

### B. Tech (Hons) (Computer Science and Engineering) Calcutta Institute of Engineering and Management

Aug 2018 – Jun 2022  
CGPA – 8.86

### High School

Delhi Public School, Ruby Park  
Apr 2016 - Mar 2018

## Top Skills

**React, JavaScript, Nodejs, MongoDB, GoLang, Sass/CSS, Html, Git, AWS.**

## Achievements

- **Redhat** Opensource contributor.
- Leader of Smart India Hackathon Team (2018-19,2019-20)

## Personal Projects

### AI Powered Chatbot - I am Cai - I am an AI powered chatbot!

NextJs, ReactJs, Styled , Sass , Nodejs , Firebase , Socket io ,Python ,Flask ,TensorFlow

This Is an AI powered Chatbot, that gives intelligent answer to your questions using Machine Learning. Also have a global chat server for any user to talk to other.

Take a look: <https://copyai.netlify.app/>

### IPLOC – Free API for getting IP and Geolocation

NextJs

This is a free API for getting IP address and Geo Location.

Take a look: <https://iploc.vercel.app/>

### QUIZACE

React Native, NodeJS, Mongo DB

This is a quiz android application made with open source quiz db. This is a platform where user can select different difficulty level and genre of categories and play Quiz. App is also live on Play Store.

Take a look:

<https://play.google.com/store/apps/details?id=com.bosecodequizace>

**Other Projects are shown at:**

<https://github.com/bdbose?tab=repositories>