

# Prabin Sharma

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## EXPERIENCE

### Roboprenr, Bengaluru — Python / Django Developer

Dec 2022 - PRESENT

- Spearheading full-stack development to introduce new website features and enhance functionality.
- Led a cross-functional team to drive the implementation of mission-critical initiatives, such as a coding platform for competitions, global search integration, user project showcase in the news feed, CRM system for lead tracking, automatic certificate generators, and user profile enhancements.
- achieved a 30% increase in customer satisfaction and a 20% boost in revenue growth.
- Using Agile methodology for efficient project management.

### Technocolabs Softwares, Remote — Data Scientist, Intern

Oct 2022 - Jan 2023

- Conducted credit risk analysis for Bondora Bank, employing statistical techniques for data preprocessing and model deployment.
- Implemented machine learning models to predict the credit risk of loan applicants, enhancing lending decision-making processes.
- Developed automated credit risk assessment system, leading to improved loan portfolio performance by 10%.

## PROJECTS

### Real-Time Chat — Python, Django, Websockets, Async

- Developed a real-time chat application using Django Channels and WebSockets for instant communication.
- Enabled user-friendly message management with features like message deletion, liking, delivery, and read status.
- Implemented Cassandra for message storage and PostgreSQL for user data to increase throughput by 50%, and integrated Redis for tracking user online status, enhancing the overall chat experience.

### Code Editor — Python, Django, Sub-Processes, JS, Ajax

- Designed a user-friendly front end with HTML, Bootstrap, CSS, JavaScript, and Ajax, offering features for user input, feedback, shortcuts, and theme customization. Notably, the implemented shortcuts resulted in a 20% time reduction when using the platform.
- Developed a Django-based back end with Python sub-processes for code compilation, allowing users to write and run code in C, C++, Python, JAVA, and JavaScript. Demo link - [CodeEditor2](#)

## SKILLS

**Languages:** Python, JavaScript, C++

**Back-End:** Django, FastAPI

**Front-End:** HTML, CSS, Bootstrap, jQuery

**Database:** PostgreSQL, SQLite3, MySQL, SQL, Redis

**Others:** Docker, Data Analysis, REST API, Numpy, Pandas, Git, AWS, DSA, MTV, MVC, Agile Methodology

## EDUCATION

### North Eastern Hill University, Shillong, India — MCA

Dec 2020 - Aug 2022

CGPA - 9.20

### Gauhati University, Guwahati, India — Bachelores

Aug 2017 - Nov 2020

Major - Mathematics

## AWARDS

**IIT Bombay TechFest:** Won the Bengaluru Zonal Coding Competition

## CERTIFICATION

[Scientific Computing with Python](#) by FreeCodeCamp

## LANGUAGES

English, Hindi, Nepali