

# Abhishek Chouhan

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## Technical Skills

**Languages:** (Object Oriented Languages) Python, Javascript, Typescript, Java, C, C++, Kotlin

**Web Frameworks:** NextJS, React, Node, Express, REST API, Tailwind, Bootstrap

**Databases:** Relational Databases [ MySQL, PostgreSQL ], NoSQL Databases [ Firebase, MongoDB ]

**Others:** Langchain, LlamaIndex, Django, Git, GitHub, Agile, Trello, Slack

## Work Experience

### Data Annotation Tech | Data Annotator

**Paid Contract | Feb 2024 - Present**

- Assessing and annotating AI code across multiple languages. (Python, Javascript, Java, etc.)
- Ensuring data quality by debugging and refining code and training data for AI models

### PlaceSpeak | Web Developer

**May 2024 | PlaceSpeak Inc.**

- Designed SQL database and implemented badge awarding logic in Django REST API for PlaceSpeak
- Debugged DB and API issues, and made integrations into new frontend using Nextjs and React

### Progress Tracking Tool | Software Developer

**Sep-Dec 2023 | Intelligent Project Solutions**

- Translated Excel-based project tracking methods into an in-house web app for IPS Ltd., streamlining project progress monitoring
- Utilized PostgreSQL DB and NextJS/React to develop a full-stack application for employees

## Hackathons

### Baaj | Next.js, Tailwind, PostgreSQL, YoloV8, Python

**1st Place | YVR Smart Hackathon 2024**

- Developed an award-winning AI for subject and object identification in video camera feeds
- Trained a YoloV8 AI model on annotated data and integrated AI backend in Python.

### ÕRA | React, NextJS, openAI API (GPT 3.5)

**3rd Place | QDS-Hacks 24', BCIT**

- Created an award-winning web app to assist students in effectively managing their coursework.
- Led the AI development, building a web API to power the app's intelligent features.
- Played a key role in integrating AI functionality, ensuring the app was demo-ready.

## Other Projects

### LegallyWise | Node | Python | Javascript

**| Academic Project**

- Created a fully functional AI Web app using openAI API and text processing (Python Flask API)
- Utilized langchain (text processing) to gather and preprocess data from PDF documents
- Used openAI's vector embedding API to embed data for recall during response and context

### Scraper App | Python | Selenium

**| Personal Project**

- Contributed to developing a web application to promote job security among users
- Scraped and compiled job postings into a single job board using Python, Selenium, and Bootstrap

## Other Experience

### Peer Tutor | BCIT

**Sep 2023 - June 2024**

- Working as a registered peer tutor providing drop-in tutoring services to junior CST students

## Education

**Computer Systems Technology Diploma - BCIT | 92% GPA**