**Prajwal Patil**

[github.com/prajwalkpatil](https://github.com/prajwalkpatil) [linkedin.com/in/prajwalkpatil](https://www.linkedin.com/in/prajwalkpatil/)

# EDUCATION

**Bachelor of Engineering (B.E.)**

Computer Science and Engineering

KLE Technological University, Hubballi

*2020 to 2024*

## *9.18 CGPA*

**Pre University - Class 12**

SBR PU College, Kalaburagi, Karnataka

*2020*

## *95.83%*

**Class 10**

S.R.N. Mehta School, Kalaburagi, Karnataka

*2018*

***95.52%***

# EXPERIENCE

## Student Developer

[Google Summer of Code](https://summerofcode.withgoogle.com/programs/2022/projects/5Jq5F1gC)

April 2022 to August 2022

### Remote

Developed an R package - [**VedicDateTime**](https://github.com/prajwalkpatil/VedicDateTime) (open-source) capable of making accurate **time-series** calculations for luni-solar calendar system.

Published the developed R package to the

Comprehensive R Archive Network([**CRAN**)](https://cran.r-project.org/web/packages/VedicDateTime/index.html) Package was featured in [**Time-series view**](https://cran.r-project.org/web/views/TimeSeries.html) by CRAN.

**Preferred Candidate** recognition by Google.

## Intern

KNIT Space

June 2022 to August 2022

### Hubli

Implemented the idea of a "Horcrux" **search engine**, which categorizes search results into different real-world categories using web scraping and data processing. Built a prototype of the engine that successfully **categorized** search results for a variety of keywords.

## Technical Co-Lead

MakeInBVB

June 2021 to Present

### Hubli

Created and maintained **MakeInBVB** **website** which showcased various club events and programmes.

Taught Frontend web development to club **Leetcode** members in training sessions.

#### Codeforces

+91 ***[REDACTED]*** prajwalpatilcodes@gmail.com [**www.prajwalpatil.com**](https://www.prajwalpatil.com/)

# PROJECTS

[**Reddit** - social media platform](https://github.com/prajwalkpatil/reddit-clone)

*C, Data Structures and Algorithms*

Stored and retrieved data **without** utilizing a **database** management system.

Implemented the functionalities to create **posts**, **comments**, upvotes and downvotes, and **user accounts**. Implemented **algorithms** and **data structures** for the functionalities.

[**Constructivist -** personalized ChatGPT](https://github.com/knit-pass/constructivist)

*Python, OpenAI API, Transformers and Neo4j* Implemented **personalized** chatbot with Piaget's theory, transformers, and **prompt engineering**. Created knowledge base from user-generated data in **Neo4j** for extensive domain expertise.

Utilized one-shot **domain classification** for tailored and contextual user interactions.

[**Silent Sanctum -**](https://github.com/SilentSanctum/SilentSanctum)anonymous social media application

*Angular, Node.js, MongoDB, Auth0*

Built dynamic **Angular** frontend and **Node.js** backend.

Integrated **Auth0** for authentication of users. Utilized **MongoDB's TTL Index** to achieve **anonymity** of posts and accounts.

Implemented functionalities to enable **anonymous** posts, comments and replies.

**Won** Best use of MongoDB Atlas award in [**MLH's Hackathon.**](https://devpost.com/software/silent-sanctum)

[**Kanban Board**](https://kanban.prajwalpatil.com/) **-** privacy focused productivity app

*JavaScript, Single page application*

Built privacy-focused **VanillaJS SPA** Kanban board with **LocalStorage** for secure data storage.

Developed **customizable** and **responsive UI**. Emphasized **data security** with **client-side storage**, empowering users' control over information.

# SKILLS

**Languages** -C++, C, Javascript, Python, HTML, CSS

**Frameworks** - Angular, EJS

**Databases** - SQL, Neo4j

**Tools** - Git, GitHub

**Libraries**- BeautifulSoup, Spacy

# COURSES & CERTIFICATIONS

[**Web Developer Bootcamp** by Colt Steele - Udemy](https://www.udemy.com/certificate/UC-dece0952-7d79-4d62-b056-26119f94f92d/)

[**C++ Programming - From Beginner to Beyond -** Udemy](https://www.udemy.com/certificate/UC-75b29be6-4479-447b-b987-71412f2f7473/)

## ACHIEVEMENTS

**Winner -** Major League Hacking's Hackbattle: React v/s

Angular Hackathon 2023

**First** Prize in **DSA** Course Project - KLE Tech

Stood **Second** in College level CodeChef Summer Contest -

KLE Tech

Completed 10 tasks in **Google Code-In** 2016.

Stood **First** in District level **Drawing & Painting** competition.

**CodeChef Open source contributor**

### **Competative Programmer**