Suraj Kumar **Mahto**

Junior UG at BIT Sindri || Keen Interest in Open Source, Web & Design

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Skills

Programming	C/C++ (Qt), Python, JavaScript, LaTeX
Web	React.js, jQuery, CSS, HTML5, Bootstrap, Jekyll, Hugo
Development Tools	git, bash, CMake, Linux(Primary OS)
Design	Material Design, Figma UX Designing, Canva
Relevant Coursework	Data Structures, Design & Analysis of Algorithms, OOPS, DBMS, OS, Linux Programming, Computer Arch.

Experience

Google Summer of Code *Remote*

KDE COMMUNITY *7 June - 23 August 2021*

- **Project Description** Add feature in KMyMoney : Integration of the new functionalities from the Alkimia library.
- **KMyMoney** is a cross-platform personal finance tracking app. It uses C++, Qt as its core and the UI is done using QtWidgets.
- My work(**Report**) is on online quote support, equip that with debug functions, extended by online update of the quote sources, by modifying **libalkimia**, kmymoney source code and write unit tests(using QtTest) with documentation.

Season of KDE *Remote*

MENTEE | MENTOR - CARL SCHWAN, ANUJ BANSAL *Jan - April 2021*

- Open Source Program by The KDE Community. Project - Port docs-kde-org to hugo
- **Status Report** - docs-kde-org is the central repository of Documentation of all the KDE Applications and Frameworks
- Refactor the python scripts to generate data from docbooks and translated docbooks that hugo can populate.

KDE Community *Remote*

OPEN SOURCE CONTRIBUTOR *June 2020*

- Active Contributor in KDE Web. I have also got the **Developer Status**.

Projects & Open Source Contributions

Minor Contributions *KDE*

MINOR PATCHES FOR OPEN SOURCE APPLICATIONS *2021*

- **NEOCHAT**- (Matrix(decentralized chat) client) - Disabling the option to edit the messages of other users. **Merged PR Link**
- **ALLIGATOR**- (RSS Feed and Podcast Generator) - Minor UI fix **Merged PR Link**

Port KDE Timeline Site to Hugo *KDE Web*

MENTOR - CARL SCHWAN (KDE EV) | CO-CONTRIBUTOR - PHU NGUYEN *Dec 2020*

- timeline.kde.org is the main site for the history of FOSS and KDE in general. It earlier used a Javascript Translations.
- **Commit Link** My work was to port all data to YAML, populate that using a modular approach and perform the i18n translations using hugo translations. We used po4a for translations

Port KDE Games Site to Jekyll *KDE Web*

MENTOR - CARL SCHWAN (KDE EV) *Oct 2020*

- games.kde.org is the main site for the collection of KDE Games. It was previously developed using PHP
- **Repo Link** - Created the layouts and ported static pages to markdown.
- Part of Goal of this task was to develop a site which can be maintained easily.

Website for HnCC, Hackatron '19 and Blog Site *BIT Sindri*

WEB & GRAPHICS TEAM *2019*

- **hnccbits.com** • **hackatron.hnccbits.com**
- **blog.hnccbits.com** • Deployed in Gitlab **CI/CD** • Made in Jekyll

Scholastic Achievements

2021	**Google Hashcode**, 2021 Round 1 with Team global rank 7148	*Online*
2020	**Cleared TCS Codevita Contest**, 2020 Pre Qualifier Round with global rank 13710	*Online*
2020	**Top 5 among all teams**, Internal College Smart India Hackathon	*BIT Sindri, Dhanbad*

Education

BIT Sindri   *Dhanbad, India*
B.TECH. IN INFORMATION TECHNOLOGY   • **7.16 CGPA**   *August. 2018 - PRESENT*
Army Public School   *Ranchi, India*
• MATRICULATION - (**10 CGPA**)   • INTERMEDIATE/+2 - **84.4%**   *May. 2005 - May 2017*

Positions Of Responsibilities

Hackathon and Coding Club (HnCC)   *BIT Sindri*
VICE PRESIDENT   *Nov. 2018 - PRESENT*
• Managed the student-run developer club, managed projects, design team, organized events, and gave talk sessions on Open Source, Web, git.

IETE Students' Chapter   *BIT Sindri*
WORKSHOP INCHARGE   *Oct. 2018 - PRESENT*

AWS User Group   *Ranchi*
VOLUNTEER   *July 2020 - PRESENT*

Miscellaneous

Nov 2020   **Speaker**, Seattle GNU/Linux Conference: Introducing FOSS Culture at Universities   *Virtual*
           Extracurriculars, Chess (lichess), Branch Basketball Team, Beatboxing, NCC A Certificate(2013-15)   *Virtual*