

Suraj Kumar Mahto

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

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Education

BIT Sindri

B.TECH. IN INFORMATION TECHNOLOGY • 7.16 CGPA

Dhanbad, India

August. 2018 - PRESENT

Army Public School

• MATRICULATION - (10 CGPA) • INTERMEDIATE/+2 - 84.4%

Ranchi, India

May. 2005 - May 2017

Skills

Programming C/C++, JavaScript, Python, LaTeX

Web React.js, jQuery, CSS, HTML5, Bootstrap, Jekyll, Hugo

Development Tools git, bash, 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.

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

Experience

Season of KDE

Remote

MENTEE | MENTOR - CARL SCHWAN, ANUJ BANSAL

Jan 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 that hugo can populate - Work on translations over 25 languages.

The KDE Community

Remote

OPEN SOURCE CONTRIBUTOR

June 2020

- Active Contributor in KDE Web. I have also got the [Developer Status](#).

Projects & Open Source Contributions

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.

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](#)

HnCC Blog Site

MADE IN JEKYL

• blog.hnccbits.com • Deployed in Gitlab CI/CD

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Feb 2020

Website for HnCC and Hackatron '19

WEB & GRAPHICS TEAM

• Developed as a part of the Web Team in Hackathon and Coding Club
• hnccbits.com • hackatron.hnccbits.com

BIT Sindri

Oct-Nov 2019

Positions of Responsibility

Hackathon and Coding Club (HnCC)

VICE PRESIDENT

BIT Sindri

Nov. 2018 - PRESENT

IETE Students' Chapter

WORKSHOP INCHARGE

BIT Sindri

Oct. 2018 - PRESENT

AWS User Group

VOLUNTEER

Ranchi

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