**Vishal Kumar Singh**

Student, Problem Solver, Chess Player and Competitive Coder

**+91 8178572536 vishal@keck.ac.in** [github.com/Vishal-KumarSingh](http://github.com/Vishal-KumarSingh)  [codechef.com/users/vishal\_k\_singh](http://codechef.com/users/vishal_k_singh)

# Work Experience

**Techvein -**  *Robotics Intern*

* Worked as robotics intern at Techvein. Day to day responsibilities were to design circuits, 3D designs, Games using block programming and preparing documentations for students to follow the steps to build the same.

**College Website –** *Spring MVC and MySQL keck.ac.in*

* Worked on college website and made things dynamic and decreased server load by 50% (which was previously all static pages) through admin panel by using *Spring Framework and MySQL database*.

**TestMe -** *Android Application using Java*

* Built an android application in *Java using Android Studio* to help students prepare for examination without paying for mock test. This application is available for use

**University Hackathon** – organised by BCE Bhagalpur *(First Prize Winner)*

* Led a team of 3 students to take part in university hackathon and build complete Library Management System

[Source Code](https://github.com/Vishal-KumarSingh/OMREvaluator) in just 30 hours and secured the first position among 16 other teams.

* The Library Management System was built *using React JS, PHP, REST APIs, MySQL and Bootstrap* to build responsive web application having separate user and admin panel to manage all kind of library transaction

**University Competitive Programming –** organised by BCE Bhagalpur*(First Prize Winner)*

* Led a team of 3 students to take part in university competitive programming competition ans secured first position.

**Geeks For Geeks Code India Code**

* Participated in code India code individual competitive coding competition and secured *All India rank 170.*

# *Project*

**Job Portal** [Source Code](https://github.com/Vishal-KumarSingh/JobPortal)- Desktop Application to Apply for Jobs Aug 2021 - Dec 2021

* Designed in Django for Server side and tkinter on client side

**OMR Evaluator** - [Source code](https://github.com/Vishal-KumarSingh/OMREvaluator) - Checks Answersheet of exams Feb 2021 - Mar 2021

* Web based application to evaluate OMR by image processing (OpenCV)

**MyServer** - [Source Code](http://github.com/Vishal-KumarSingh/MyServer) -Desktop App for Web Dev. Mar 2022 - May 2022

* Desktop Application for *PHP Development environment* on local Machine using *Socket and Network Programming*

# Education

* *B. Tech, Computer Science & Engineering*. June 2021-present

Katihar Engineering College Current CGPA *8.81/10*

* *Polytechnic, Computer Science & Engineering.*May 2018-June 2021

Government Polytechnic College Patna, CGPA *8.7/10 (Batch Topper)*

**Training**

*Machine Learning-*Intern Shala Trainings *June 2022-Jun 2022*

*Web Development*- SARP MIND FIRE, Patna *Oct 2020 - Nov 2020*

**Extra-Curricular**

* GATE CSE qualified in 3rd year with All India Rank 286
* Member of Research Innovation and Website Development Team at Katihar Engineering College
* International FIDE rating in chess - 1205
* Lichess Rating: 1900
* Geeks For Geeks Article Writing
* CodeChef Rating – 1238
* Google Play App Developer using Java

# SKILLS

* Web Development PHP and MySQL, React JS And Express JS
* Technology Java , Flutter

# AWARDS

* Merit Shield & Batch Topper at Government polytechnic Patna 7, 2021
* National Chess Player in School Games Federation of India, 2018
* NTSE and NMMS Scholarship qualified