

Vaibhav Kumar Singh

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EDUCATION

INDERPRASTHA ENG. COLLEGE

B.TECH IN COMPUTER SCIENCE

July 2022 | Ghaziabad, U.P

CGPA: 7.1/10

KENDRIYA VIDYALAYA NO.2

Higher Secondary School | New Delhi, India

Percentage: 77/100

KENDRIYA VIDYALAYA NO.2

High school | New Delhi, India

Percentage: 9.4/10

LINKS

Github:// [vaibhavkrsi](#)

LinkedIn:// [vaibhavkrsingh16](#)

Twitter:// [@dev_vaibhavkr](#)

COURSEWORK

GRADUATE

Machine Learning

Web Development

Open Source Software Engineering

Microprocessor

Data Analysis

Cloud Computing

Evolutionary Computation

Defending Computer Networks

System Design

SKILLS

PROGRAMMING

Over 5000 lines:

- Reactjs
- Nextjs
- Redux
- C
- Python
- Javascript
- Matlab
- HTML/CSS
- Threejs

Over 1000 lines:

C • C++ • PHP

Familiar:

Azure • Flutter • MySQL • MongoDB

EXPERIENCE

KEEN MARKETER | FRONTEND DEVELOPER

July 2022 – Present | New Delhi, India

- Significantly improved website performance by reducing load time from 5s to 0.8s through effective use of compression and optimization techniques.
- Demonstrated exceptional problem-solving skills by identifying and fixing 4 bugs and broken links through manual testing.
- Successfully deployed website on a cloud environment, showcasing proficiency in cloud computing and infrastructure management.

BARQUOD | SOFTWARE ENGINEERING INTERN

July 2019 – Sept 2019 | New Delhi, India

- Developed proficiency in deploying websites live, demonstrating a practical understanding of the full software development lifecycle.
- Gained valuable foundational knowledge of web development, providing a solid foundation for continued growth and development in the field.
- Collaborated with the frontend team to build a responsive website using HTML, CSS, and JavaScript.

RESEARCH

MUSIC RECOMMENDATION SYSTEM | RESEARCHER

Jan 2014 – Jan 2015 | New Delhi, India

Worked with Seniors and Prof Swapna Saxena to create **RMusic**, a tool which recommend users musics on the basis of content and collaborative filtering method.

AWARDS/CERTIFICATIONS

2019 1st/200 Winner of Debugging content

2022 Azure Fundamental certification

2019 NPTEL C certification

2013 Advance Python by Coding blocks.

2012 Flutter App development course in Udemy

PUBLICATIONS

- [1] R. Negi, V. K. Singh, and A. Pathan. Rmusic: A unique way to recommend music using content and collaborative filtering. *Tech Report, IJSREM*, in press.

PROJECTS

1. FOOD DELIVERY APPLICATION | MERN STACK

- Developed an e-commerce application using **React.js** and **MongoDB** for data storage.
- Implemented a user-friendly interface for seamless navigation and admin Panel to track orders, change state of orders.
- Integrated payment gateways for secure transactions. Optimized website performance for faster loading times.

2. 3D PORTFOLIO | THREEJS

- Developed an interactive and visually appealing portfolio using Three.js.
- Worked with Drei and React Three Fiber to create 3D animations and effects. Showcased technical proficiency and creativity in implementing advanced features.