

Abhay Maurya

4th Year Integrated Student
Computer Science and Engineering
National Institute of Technology Hamirpur

(+91) 8707445762
maurya.08abhay@gmail.com
[linkedin.com/in/abhay8](https://www.linkedin.com/in/abhay8)
github.com/Abhay811

Work Experience

WizWack Studios Private Limited {Certificate}

Work from home

Android App Development | Backend Development

September 2021 - Present

- Fixed some layouts and added new designs, used *firebase deep-links* to navigate to hyperlink, implemented websocket client-client connection to send and receive data using *Socket.io*
- Used *Node.js* and *tmi.js* (Twitch api) to relay chat from stream to user and send messages from user to stream. Made Backend server horizontally scalable by using *Kafka*.
- Created pollers service for youtube subs Api for backend server, to fetch details of subscribers. Worked on *twitch webhooks* to show twitch followers, subscribers and resubscribers.

Education

- **National Institute of Technology Hamirpur**
Integrated BTech + MTech. CGPA : 8.2/10 (till 6th) Sem
- **Rani Laxmi Bai Memorial School (CBSE)**
Intermediate(12th) Percentage: 84.8%

Himachal Pradesh, India
July 2018 - present
Lucknow, India
April 2015 - March 2017

Technical Skills

Languages & Tools: C, C++, Python, R, RStudio, Java, Kotlin, SQL, Node.js, Docker, Android Studio, Jupyter, Firebase, Git, \LaTeX

Certifications & Training: Neural Networks and Deep Learning, Convolutional Neural Networks, Machine Learning, Android Development, Core Java

Soft Skills: Teamwork, Leadership, Mutual-Respect

Projects

Weather App {link to project}

September 2021

- Build a mobile application using Kotlin in Android, that shows weather condition of user's location area and user can search different locations on app to see weather of other locations.
- Implemented room database to store weather condition of user's location and other locations that user want, so to show weather if user is offline.

Sudoku Puzzle Solver and OCR {link to project}

June 2021

- Designed Convolutional Neural Network (CNN) to OCR the digits(0 - 9) of the MNIST dataset
- Deployed trained Model with accuracy of 98% to the input image containing Sudoku puzzle
- Demonstrated the result to original image in form of 9 x 9 grid and printed in terminal

Online Examination System {link to project}

Feb 2021 - April 2021

- Designed and implemented Desktop Application in 2-person team using Python
- Students can create their account and log in and college database will be used to verify
- For user verification and signup SMTP module is employed to generate 6-digit OTP

Pharmacy Management System {link to project}

August 2020 - Nov 2020

- Led team of 3 to implement Desktop Application of Pharmacy using Java
- Designed to streamline workflows associated with drug dispensing, medication adherence, medical billing, inventory management and fulfillment, and customer data collection

Achievements

- Participated in India Skills Competition (North region) 2021 in *IT Network Systems Administration*. {Certificate}
- Secured 3rd position out of 20 teams in Treasure Hunt organized by Chemical Engineering Dept.
- Secured 3rd position out of 15 teams in Boat Making organized by Civil Engineering Dept.
- Recipient of scholarship from GAIL for Higher Studies for 2 years
- Selected into Super 100 Kanpur batch 2017 - 18, runs with CSRL (NGO), funded by GAIL, which prepare students for JEE Exams

Additional

Languages: English, Hindi

Hobbies/Interests: Watching Animes, Reading Technological Advancement, Reading/Watching about Cosmos, Competitive Coding