

Abhay Maurya

4th Year Integrated Student

Computer Science and Engineering

National Institute of Technology Hamirpur

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Work Experience

WizWack Studios Private Limited {Certificate}

Work from Home

Android App Developer | Backend Developer Intern

September 2021 - Present

- Added layouts and new designs, used **firebase deep-links**, implemented client-client connection using **Socket.io**.
- Worked on **Event-driven Architecture**, used **Kafka**. Integrated youtube and twitch apis, and implemented twitch webhooks with the help of **ngrok** and **Redis** database.
- Integrated **Cashfree** Payment Gateway and implemented micro-services using **firebase** cloud functions for a game.

Education

- **National Institute of Technology Hamirpur**
Integrated BTech + MTech. CGPA : 8.3/10 (till 7th Sem)

Himachal Pradesh, India

July 2018 - Present

- **Rani Laxmi Bai Memorial School** (CBSE)
Intermediate(12th) Percentage: 84.8%

Lucknow, India

April 2015 - March 2017

Technical Skills

Languages & Tools: C, C++, Java, Python, JavaScript, Node.js, R, RStudio, Kotlin, SQL, Docker, Android Studio, Jupyter, Firebase, Git, L^AT_EX

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

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 and Demonstrated the result to original image in form of 9 x 9 grid.

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