Abhay Maurya

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

(+91) 870 744 5762
maurya.08abhay@gmail.com
linkedin.com/in/abhay8
github.com/Abhay811

Work Experience

WizWack Studios Private Limited — Work frome 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.
- 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.

National Institute of Technology Hamirpur — Himachal Pradesh, India
Research Intern — *June 2021 - Present*

- Worked on different methods(Denoising, Random noising, etc) to reduce adversarial effects. As a result Model can predict with more confidence.

Education

- **National Institute of Technology Hamirpur** — Himachal Pradesh, India
  Integrated BTech + MTech. CGPA : 8.2/10 (till 6th) Sem) — *July 2018 - present*
- **Rani Laxmi Bai Memorial School** (CBSE) — Lucknow, India
  Intermediate(12th) Percentage: 84.8% — *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 — *September 2021*
- Used Room database to store different cities location.
- Implemented using OpenWeather Api for weather status.

Sudoku Puzzle Solver and OCR: — *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: — *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: — *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

Academics: Selected into Super 100 Kanpur batch 2017 - 18, runs with CSRL (NGO), funded by GAIL, which prepare students for JEE Exams

Scholarships: Recipient of scholarship from GAIL for Higher Studies for 2 years

Others:

- 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.

Additional

Languages: English, Hindi

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