# Prateek Pandey

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## EXPERIENCE

- **Hands-on Experience in ML** — SRM University, Chennai
  *Participated in NVIDIA and School of computing workshops* — *May 2022 - Present*
    - **ML models**: Created many ML models in which I made a complete dataset labeled using labelImg.
    - **Model training**: Trained models using YOLO V4 and used labelImg using anaconda python terminal.
    - **Certification**: Got Certificate of Deep learning from AJNA AI in collaboration with School of Computational Intelligence.
    - **NLP implementation in models**: Had a chance to work with NLP in spam SMS detection project where we seperated spam SMS from the good ones

- **Web Development** — SRM University, Chennai
  *Languages used: HTML,CSS,Javascript,Bootstrap,React* — *Aug 2022 - Present*
    - **Created front-end of websites**: Developed front-end of some of the popular websites like netflix, twitter and so on.
    - **Personal portfolio**: Created personal portfolio websites using HTML, CSS and JavaScript and made it fast using react framework

- **Competetive Coding practice at Codechef, Codeforces and Leetcode** — SRM University, Chennai
  *Primary Language : C++* — *Oct 2021 - Present*
    - **650+ questions Completed**: Practiced more than 650 question on platforms like codechef, codeforces, leetcode, spoj and gfg.
    - **Codechef competitions**: Competed in starters 21 and got a global rank under 1000 out of a total 10000 participants.

## ACADEMIC PROJECTS

- **Roadlane Detection**: Made a ML model with the help of labelImg tool for labelling the image in the anaconda python terminal and then trained the model using YOLO V4 in Google Colab. (Jul '22)
- **Spam SMS Detection**: Made a ML model using NLP(natural Language processing) to segregate spam SMS from the real ones, about 5000 test cases were take from kaggle and then the ml model was deployed on the top of it.Libraries such as seaborn, matplotlib, numpy,pandas and plotly were used. (Oct '22)
- **PaySub(Finance Website)**: Students finance management website that helps to learn the financial aspects of money management. This is a website created using HTML, CSS and JavaScript and it has many features like expenditure calculator and savings meter (Sept' 22)
- **Netflix Cloning**: Created a netflix frontend clone using HTML and CSS in which Some of the features like navbar has been made using the bootstrap. (Aug '22)

## EDUCATION

- **SRM Institute of Science and Technology** — Kattankulathur, Chennai
  *B.Tech in CSE (specialization in AI and ML); CGPA: 9.22* — *Sept 2020 - Present*
  *Areas of Interest:Artificial Intelligence and Machine Learning,Web Development, DS and Algo,*

- **Senior Secondary School** — Karnal, Haryana
  *Class - 12th; Percentage: 88.6 (PCM)* — *Apr 2018 - Apr 2020*

- **Secondary School** — Karnal, Haryana
  *Class - 10th; Percentage: 91.8* — *Apr 2017 - Apr 2018*

## SKILLS SUMMARY

- **Languages**: C++, Python, C, HTML, CSS, JavaScript, Bootstrap, React
- **Frameworks**: NodeJS, WordPress
- **Developer Tools**: Git, GitBash, Google Cloud Platforms, VS Code, Visual Studio, Pycharm, Eclipse
- **Libraries**: NumPy, pandas, opencv

## CERTIFICATIONS

- Certificate of Excellence in C++ and DSA from Coding Ninjas (Nov' 21 - Jan' 22)
- Completed C Language 300 questions in SRM-Elab in all the three levels (Dec' 20 - Jul' 21)
- Google Digital Garage Certificate in Digital marketing (Dec'20)
- Basics of Python programming from IIT-Khgp (Nov'20 - Jan'21)
- Making sense with data (Hands-on-workshop) in collaboration with School of computing and TCS(Jul'21)