KRITIN POTLURU

@ pkritin@gmail.com   📞 9902826091   in Kritin Potluru   ○ KritinP

EXPERIENCE

Research Intern
Web Science Lab
IIIT Bangalore | 📅 August 2022 – Present

- Working with NLP techniques to extract key phrases and build a Bloom's Taxanomy Vector for learners. Using various machine learning libraries along with NLP libraries to extract emotions and sentiments and analyse correlations.

Teaching Assistant for ESS201 - Programming II `Java` `C++`
IIIT Bangalore | 📅 September 2022 – Present

- Conducted lab sessions for Java programming.

Summer Intern
IIIT Bangalore | 📅 May 2022 – July

- Working on patient sample tracker for the histopathology lab at the National Institute for Mental Health Neurosciences (NIMHANS), Bangalore.

Open Source Program Intern
IIIT Bangalore | 📅 June 2022 – August 2022

- Contributed to developing a complaint management system for universities using Angular and SpringBoot.

ACHIEVEMENTS

ByteSynergy Hackathon 2022 (Winner) - Developed online application to help match recruiters and job seekers

Hack-a-Web(NITB) Hackathon 2022 (Finalists) - Developed healthcare portal to connect doctors and patients

EXTRA-CURRICULAR ACTIVITIES

- Core member of Sports Committee at IIITB
- Developer and UI/UX Designer at Zense - IIITB
- Part of the IIITB Men's Basketball Team.
- Part of Men's Volleyball Team at NPS Rajajinagar

RELEVANT COURSES

Machine Learning, Maths for Machine Learning, Data Structures and Algorithms, Design and Analysis of Algorithms, Software Engineering, Operating Systems, Database Systems, Computer Networks, Computer Architecture

EDUCATION

Completed 2nd year of iMTech (Integrated MTech: Bachelors + Masters) in Computer Science and Engineering. CGPA: 3.49/4

International Institute of Information Technology, Bangalore | 📅 August 2020 – July 2025

PROJECTS

IIITB CMS | 📅 June 2022
- Online complaint management system for universities and their committees built on Angular and SpringBoot
- `Java` `Angular` `SpringBoot`

E-Commerce Price Prediction System | 📅 Dec 2022
- Created a complete solution to predict prices of e-commerce items using machine learning techniques.
- Multiple machine learning models implemented including ensemble models.
- `Python` `scikit-learn`

Histopathology Lab Sample Tracker Dashboard | 📅 May 2022
- Developed dashboard to view statistics related to the Histopathology Lab at the National Institute of Mental Health and Neuroscience using Angular, SpringBoot, Jersey etc.
- `Java` `Angular` `SpringBoot`

PlaceIt | 📅 March 2022
- Online platform to enable students to view and access job opportunities across the country.
- Recruiters given the option to view skill sets and provide opportunities.
- `Python` `Django` `JavaScript`

Image Converter/Processing | 📅 January 2022
- Developed C program to convert image in 16 bit BMP Greyscale to TIFF format.
- `C`

TECHNICAL SKILLS

`C` `C++` `Java` `Python` `scikit-learn` `HTML` `CSS3` `JavaScript` `React` `Nodejs` `Angular` `SpringBoot` `MySQL` `Git` `UX` `Latex`