

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 Taxonomy 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

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 Spring-Boot.

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

Data Structures and Algorithms, Design and Analysis of Algorithms, Software Engineering, Operating Systems, Database Systems, Computer Networks, Discrete Mathematics, Computer Architecture, Computational Number Theory

EDUCATION

Completed 2nd year of iMTech (Integrated MTech: Bachelors + Masters) in Computer Science and Engineering

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

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.

Banking Management System |

📅 May 2022

- Created a multi-functional banking management system using socket programming.
- Consisted of server-client architecture and used low-level system calls for file locking, multi-threading, inter-process communication and process management

Placelt | 📅 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.

Hygiea | 📅 February 2022

- Healthcare platform to connect doctors and patients using Django, JavaScript, HTML, CSS, etc.

Image Converter/Processing |

📅 January 2022

- Developed C program to convert image in 16 bit BMP Greyscale to TIFF format.

Automated Utility Bill Distribution |

📅 September 2021

- Developed script using google sheets and Javascript to automatically send formatted/tabulated utility bill data to tenants in a housing society

TECHNICAL SKILLS

C C++ Java Python HTML CSS3
JavaScript React Nodejs Angular
SpringBoot MySQL Git UX Latex