

Rithwhick Praharsha

+91 8712309567 | rithwhickpraharshabandaru@gmail.com | [Linkedin Profile](#) | [GitHub Profile](#)

EDUCATION

Indian Institute of Technology (IIT) Patna <i>B. Tech in Computer Science and Engineering.</i>	2020 - 2024(Expected) <i>CPI - 8.49/10</i>
Intermediate and Secondary Education(SSC) <i>Class 12th at Narayana Jnr college and Class 10th at Narayana Olympiad School.</i>	GPA - 9.8/10

TECHNICAL SKILLS

Languages, Operating Systems Database: C/C++ , HTML/CSS , JavaScript, Python, Pandas, Typescript.
Developer Tools: Git, GitHub, Visual Studio Code, CodeBlocks, Sublime Text, IntelliJ IDEA.
Coursework: Data Structures, Algorithms, Machine Learning, Deep Learning, Artificial Intelligence, Operating Systems, DBMS and Computer Networks.

EXPERIENCE

AMAZON SDE INTERNSHIP <i>Intern Completion letter</i>	May 2023 – July 2023
<ul style="list-style-type: none">Created an on call helper tool for the Calypso Dev Team, aiding on-call personnel in expediting bug fixes associated with alarms.This tool effectively reduces an average of 4 minutes in bug resolution time for each on-call individual.The tool goes beyond time savings, offering segregated and comprehensive details. This approach provides on-call staff with a holistic view, enabling more effective decision-making during bug resolution.	

PROJECTS

Real-Time Online Web App Using the MERN Stack GitHub Link deploy link <i>Prof Dr. Mayank Agarwal Sir</i>	Jan 2023 – April 2023
<ul style="list-style-type: none">Built a Seamlessly Interactive Online Web Application Enabling Smooth User Chat using the MERN Stack.This web app enables users to engage in real-time chats, facilitating convenient sharing of photos, videos, PDFs, and various other file types, with Profile Customization.	
Full Stack Transaction App GitHub Link deploy Link	Sept 2022 – Dec 2022
<ul style="list-style-type: none">Programmed a Responsive full-stack transaction app using the MERN (Mongo Db, Express, React, Node Js) stack, incorporating JWT for security and authentication, and Recoil for state management.Implemented features such as secure sign-in, sign-up, profile updating, payment options for all users, group creation for bill splitting, notification features for payment requests, and a transaction history display.Added a dashboard feature displaying the user's profile, balance, and payment history for easy tracking and management.	
Chronic kidney disease Prediction GitHub Link	Jan 2022 – April 2022
<ul style="list-style-type: none">Made a tool for chronic disease prediction for a random patient, and achieved a peak accuracy of 95.3.Extracted data of 400 patients from the web and converted them into a structured dataset.Implemented various Python libraries like sci-kit-learn, and TensorFlow to conduct in-depth data analysis and modeling on a diverse dataset.	

ACHIEVEMENTS/EXTRA-CURRICULAR ACTIVITIES

Competitive Programming <i>Codeforces, Codechef and Leetcode</i>
<ul style="list-style-type: none">Secured highest rating of 1404 and ranked as Specialist on Codeforces platform. (Profile Link)Obtained highest rating of 1707 and achieved 3-STAR on Codechef platform. (Profile Link)Acquired highest rating of 1742 and currently in Top 9 percent on LeetCode Platform. (Profile Link)Solved 750+ problems related to data-structures and algorithms on various coding platforms.
Rankings in various contests
<ul style="list-style-type: none">Achieved rank 671 out of 10,341 participants in Codeforces Round 806, 2022. (Link)Attained rank 386 (global rank) out of 10,791 participants in Codechef Starters 25, 2022. (Link)Secured rank 2353 out of 17,557 in LeetCode Biweekly Contest 79. (Link)

COMMUNITY INVOLVEMENT

Training And Placement Cell, IIT Patna	2022 - present
<ul style="list-style-type: none">Working as Co-ordinator of Training Wing in Training And Placement Cell (TPC), IIT Patna.	
NJACK, Competitive Programming Club, IIT Patna	2020 - present
<ul style="list-style-type: none">Participated in Many Coding Contests And An active participant of the Coding Club of IIT Patna, NJACK.	