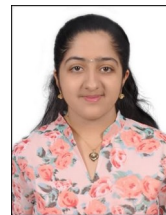


PRAJNA R

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Profile

Dedicated and motivated college student pursuing B Tech in Computer Science and Engineering at PES University. A LinkedIn Creator who talks about #AIML, #Research, #Hackathons, #WomenInTech and #SoftwareDevelopment. Passionate about leveraging my technical skills and innovative mindset to solve real-world challenges. Eager to contribute my knowledge to projects that push the boundaries of technology. Committed to continuous learning and growth, striving to stay at the forefront of advancements in the information technology field. Seeking opportunities to develop my skills and make a meaningful impact in the world of technology.

Skills

Technologies: Python, C, C++, Java, HTML, CSS, Bootstrap, JavaScript, MERN, MySQL, R, MATLAB, RegEx

Machine Learning: NER, NLTK, Scikit-Learn, NumPy, Spacy, PyTorch, TensorFlow

Key Subjects: Data Structures, Design and Analysis of Algorithms, Operating Systems, Computer Networks, Web Technologies, Statistics for Data Science, Database Management Systems, Data Analytics, Graph Theory, Machine Intelligence, Natural Languages

Other Skills: Teamwork, Leadership, Public Speaking, Research Skills, Communication, Design Thinking, Creative Writing, Business Development

Projects

ONLINE JOB APPLICATION PORTAL

- Working on a Job Portal Web Application that allows Employers to post job openings and Candidates to apply.
- Technologies used: HTML, CSS, JavaScript, Bootstrap, Django, Python, MySQL.

HOME SERVICES WEB APPLICATION

- Worked on a Home Services Web Application that connects Home Service Providers and Customers needing home services.
- Technologies used: HTML, CSS, JavaScript, Bootstrap, ReactJS, NodeJS, ExpressJS, Mongoose, MongoDB

ENTITY LINKING RESEARCH PROJECT

- Worked as a summer research intern at IEEE Computer Society in the field of NLP
- Worked on an Entity Linking Project for Disambiguation of medical terms.
- Wrote a research paper based on the findings and results
- Technologies used: Spacy, RDFLib, TFIDF, SVM, Scikit-Learn, NumPy, Python

KODIKON HACKATHON

- Built a web application for academic development of visually challenged children across India for Kodikon Hackathon. Finished in Top 8 out of 40 teams that were selected and 210 teams that registered
- This web application facilitates online assessments (both MCQs and Descriptive questions) for visually challenged students by rendering question papers in audio format and students can dictate the answers, which get converted into text.
- Technologies used: Daisy library, HTML, CSS and JavaScript.

MASTERMIND GAME

- Worked on a project to develop Mastermind Game in C language
- Game works in both code-making and code-breaking modes

DRONE PROGRAMMING COURSE PROJECT

- Took a course on Drone Programming with Python by PESU I/O
- Worked on a project to control an emergency kit delivering drone

Experience

- Summer Research Intern at IEEE Computer Society in the domain of NLP
- Back-End Software Development Intern at CISCO ThinQbator
- Head of Outreach Domain of Research Et AI Club
- Event Head of Inquisitio Ideathon
- Head of Content Domain of Hallothon
- Member of the ForeTeach Community of Students and Founders
- Member of Content and Strategy Domain of ACM-W
- Member of Mental Health Domain of Weal Club

Courses and Certifications

- ForeTeach LinkedIn Cohort – Creator’s Program
- CIE Level 1 – Getting Started with Entrepreneurship (Special Topic Course at PESU)
- CIE Level 2 – Building A Lean Startup (Special Topic Course at PESU)
- Problem Solving Intermediate Certificate by HackerRank
- The Complete 2023 Web Development Bootcamp Course by Udemy
- NLP – Natural Language Processing with Python Course by Udemy
- R Programming Essentials: A Beginner’s Journey Summer Course
- Understanding Natural Languages: Sanskrit as a Case Study Summer Course
- Python Bootcamp Course by Udemy
- Engineering Problem Solving Algorithm Course by Udemy
- Drone Programming with Python Course by PESU I/O
- React Redux NodeJS Web Application Course by Udemy
- Linux Kernel Development Course by The Linux Foundation
- Socket Programming Course by Tutorialspoint
- Foundation Science and Technology (FsnT) 3 Year Course by Base Educational Services

Education

BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE AND ENGINEERING | PES UNIVERSITY, BENGALURU | EXPECTED GRADUATION 2025

- **Current CGPA:** 8.96
- **Areas of Interest:** AI/ML, NLP, Data Analytics, Software Development, Web Development
- **Honors & Awards:** LinkedIn Creator of the Cohort by ForeTeach, First Prize in Ideathon of Social Service Component of Bootstrap, Top 8 in Kodikon Hackathon organised by Embrione Club, Fourth Place in Platform 9 3/4 Ideathon by IEEE RAS, 1-time recipient of MRD Scholarship and 3-time recipient of DAC Scholarship
- **Clubs:** Head of Outreach Domain of Research Et Al Club, Event Head of Inquisitio, Member of Disciplinary Committee and Head of Content Domain of Hallothon. Core Member of Write Angle Club, Member of Content Writing and In-House Domains of Samarpana, Member of Mental Health Domain of Weal Club, Member of Content and Strategy Domain of ACM-W Student Chapter, Member of Outreach and Content Domains of The Changemakers' Society, General Body Member of Rotaract Club, Member of Grimm Readers Community, Center for Innovation and Entrepreneurship and Google Developer Group, Bangalore.
- **Volunteering:** Participant, Anchor and Volunteer for the MyBHARAT online youth campaign at an NGO, Disha Bharat

PRE-UNIVERSITY - PCMC | RV PU COLLEGE, BENGALURU | GRADUATION MARCH 2021

- **Percentage:** 99.17%
- **Activities and societies:** Anchoring and Poetry Writing
- **Volunteering:** Anchor for the MyBHARAT online youth campaign at an NGO, Disha Bharat

10TH ICSE | CARMEL SCHOOL, BENGALURU | GRADUATION MARCH 2019

- **Percentage:** 94.2%
- **Honors & Awards:** Centum (100%) in Computer Applications and Subject Topper (99%) in Sanskrit in 10th Board, Winner of Funda Champs - a talent search initiative by BASE Educational Institution, 1st Prize in Mathematics Olympiad 2018, Won various prizes in literary and cultural competitions.
- **Activities and societies:** Anchoring, Poetry Writing, Essay Writing, Elocutions, Debates, Declamations, Mono-acting and Skits, First Prize winner of Kannada Creative Writing Competition in Vistas Inter-School Competition, a poem written by me was published in the School Magazine, Yellow House Captain in Middle School, Attended Foundation Science and Technology (FsnT) 3 Year Course by Base Educational Services