PRATHAM JOSHI
B.Tech. - Computer Science & Engineering
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BRIEF SUMMARY

A proactive and results-driven B.Tech student specializing in Computer Science with hands-on experience in software development, web technologies, and event coordination. Strong background in coding, problem-solving, and leadership, demonstrated through leading multiple tech events and competitions. Passionate about building innovative solutions and driving team success.

KEY EXPERTISE

HTML · CSS · JS · React Js · python

EDUCATION

Prestige Institute of Engineering Management & Research   2022 - 2026
B.Tech. - Computer Science & Engineering | CGPA: **6.15** / **10**

BCG Public school, Dewas   2022
12th | MPBSE | Percentage: **63** / **100**

Kerela public school, Dewas   2020
10th | MPBSE | Percentage: **62** / **100**

PROFESSIONAL EXPERIENCE

Nexisparkx | IT / Computers - Software | Cyber Security And Digital Marketing   01 Nov, 2024 - Present

Manager

PROJECTS

Self Portfolio   03 May, 2023 - 03 May, 2025
Mentor: Self menterd | **Team Size:** 1

Key Skills: HTML · CSS · JS

Project Link: https://prathamjoshi355.github.io/prathmjoshi_Portfolio/

A curated collection of my best work showcasing skills in development, creative problem-solving, and professional experience across diverse projects.

Cropdoc   01 Jun, 2024 - 31 Dec, 2024
Mentor: Yakuta tayyabi | **Team Size:** 5

PUBLICATIONS / RESEARCH / WHITE PAPERS

Revolutionizing Agricultural Practices: A CNN-Driven Mobile App for Real-Time Crop Management   08 Feb, 2025
Microsoft CMT | **Mentor:** Yakuta tayyabi | **No. of Authors:** 5
This research presents a transformative mobile application—CropDoc—that leverages Convolutional Neural Networks (CNN) to address critical challenges in crop disease diagnosis and fertilizer management. The app enables real-time identification of plant diseases by analyzing images captured through a smartphone, offering instant, accurate classification across key crops like potato, tomato, wheat, and rice.
Built with an emphasis on accessibility and scalability, the system integrates CNN-based models trained on curated agricultural datasets to deliver high-precision disease detection. Additionally, the application provides region-specific fertilizer recommendations, enhancing both productivity and resource optimization.
CropDoc bridges the digital divide in agriculture by offering an offline-compatible, user-centric design that supports rural farmers with minimal technical exposure. The innovation stands at the intersection of artificial intelligence and sustainable farming, promising significant improvements in crop health monitoring, yield forecasting, and informed agricultural decision-making.
The research demonstrates the effectiveness of CNNs in agricultural domains and outlines the model architecture, training methodology, evaluation metrics, and real-world testing in diverse farming conditions.

ASSESSMENTS / CERTIFICATIONS

Participant - GDSC Study Jam

Actively participated in hands-on sessions and collaborative learning during the GDSC Study Jam. Gained practical experience in key technologies such as web development, cloud computing, and version control. Engaged in peer discussions and completed guided projects, strengthening foundational skills in software development.

POSITIONS OF RESPONSIBILITY

Head Coordinator - vCode | Organizer

14th September 2024, PIEMR
Organized a 10-hour coding competition focused on web application development, e
Head Coordinator - vCode | Organizer
14th September 2024, PIEMR
Led the organization of a 10-hour group coding competition focused on web application development. Oversaw all event aspects, including managing participant registrations, coordinating problem statement creation, and ensuring smooth event execution. Facilitated communication and collaboration among teams, promoting a competitive and innovative environment. Successfully organized the event with over 50 participants, ensuring a memorable experience.

Head coordinator in udhyamita 3.0

Actively contributed to Udhyamita 3.0, an entrepreneurship-focused event promoting innovation and startup culture among students. Assisted in organizing speaker sessions, workshops, and interactive activities to engage and inspire participants

Head of udhyamita 4.0

Led Udhyamita 4.0 as Head, managing a multidisciplinary team to execute a successful entrepreneurship summit. Directed event planning, coordinated with speakers and startups, and drove student participation through engaging sessions and activities.

Head of udhyamita 5.0

Served as Head of *Udhyamita 5.0*, leading the planning and execution of a large-scale entrepreneurship event. Oversaw a team of organizers, curated speaker line-ups, managed logistics, and ensured high student engagement through startup pitches, panel discussions, and workshops

Coordinator - National Tech HR Meet
October 2024, Hyderabad

Coordinated logistics and communication for the National Tech HR Meet, ensuring smooth operations for a high-profile event attended by industry leaders and HR professionals. Assisted in organizing sessions, managing attendee registrations, and supporting speakers. Contributed to creating a productive and engaging environment, facilitating networking and knowledge exchange among participants.

SEMINARS / TRAININGS / WORKSHOPS

CTC Institute Name: Prestige Institute of Engineering Management & Research   03 Feb, 2025 - 18 May, 2025

Key Skills: college to corporate

CO-CURRICULAR ACTIVITIES

- Placement cell coordinator
- Head of ECell
- Head of Redhat Prestige

EXTRA CURRICULAR ACTIVITIES

- Participant in decathon

WEB LINKS / IMs

- WhatsApp - https://whatsapp.com/dl/
- Github - https://prathamjoshi355.github.io/prathmjoshi_Portfolio/

PERSONAL DETAILS

Gender: Male

Marital Status: Single

Current Address: 4 moti banglow dewas, Dewas, Madhya Pradesh, India - 455001

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Date of Birth: 21 Nov, 2003

Known Languages: English, Hindi

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