

PRAJJWAL RAI

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SKILLS

- Languages:** Java, C++, JavaScript, PHP, Kotlin
- Frameworks:** React, NodeJS, Express.js, Tailwind CSS
- Tools/Platforms:** MySQL, MongoDB, GitHub, Git, VS Code, Postman, Figma, Canva
- Core CS Fundamentals:** DBMS, OS, CN, SQL, OOPs
- Soft Skills:** Problem-Solving, Project Management, Adaptability

PROJECTS

Remote Patient Monitoring Dashboard | Healthcare Analytics System | [GitHub]

Jan 2025 - May 2025

- Designed and implemented a centralized healthcare dashboard to monitor patient vitals in real time, enabling continuous observation beyond hospital settings.
- Integrated IoT-enabled health data streams (e.g., heart rate, oxygen levels, BP, glucose) into a unified dashboard for clinicians.
- Ensured secure access through authentication and role-based control to protect sensitive patient information and maintain data privacy compliance.
- Built secure access with authentication layers, ensuring patient privacy and compliance with data-protection standards.
- Crafted a user-friendly and intuitive interface tailored for doctors and healthcare staff to enhance monitoring efficiency and usability.
- Architected a centralized healthcare dashboard to monitor patient vitals in real time, enabling continuous observation beyond hospital settings.
- Implemented secure authentication and role-based access control to safeguard sensitive patient data and meet privacy compliance standards.

Tech Stack: React.js, Next.js, Node.js, Express.js, Firebase, MongoDB, Chart.js / D3.js for data visualization.

AgroShield | Crop Advisory & Pest Management Web Platform | [GitHub]

Dec 2024 – Apr 2025

- Developed a responsive web platform to assist farmers in identifying pests and accessing crop-specific agricultural feedbacks.
- Implemented the platform using HTML, CSS, JavaScript, PHP, and Tailwind CSS, improving UI consistency and across-web.
- Incorporated an intelligent support layer to assist users with real-time guidance and smoother navigation.
- Created dedicated crop-wise sections, each featuring detailed disease insights, pest recognition and preventive solutions.
- Added multilingual support to make the platform accessible to farmers across different language backgrounds.
- Created a responsive web platform to help farmers identify pests and receive crop-specific agricultural recommendation
- Structured crop-wise modules featuring disease identification, pest recognition, and preventive measures.

Tech Stack: HTML, CSS, JavaScript, PHP, Tailwind CSS, Font Awesome.

TRAINING

Summer Training | Android Developer Pro | Certificate

Jun 2025 - Jul 2025

- Implemented key UI/UX principles such as user research, wireframing, prototyping, and user flow design using Figma, Miro, Balsamiq and Canva to strengthen design thinking and problem-solving skills.
- Developed high-fidelity, user-centric design prototypes by applying layout structuring, visual hierarchy, and accessibility guidelines, resulting in cleaner and more intuitive interface designs.

CERTIFICATES & CERTIFICATIONS

- Deloitte Australia - Technology Job Simulation – Forage | [Certificate](#)
- Build Generative AI Apps and Solutions – Infosys Springboard | [Certificate](#)
- Android Developer Pro – Centre for Professional Enhancement (LPU) | [Certificate](#)
- Introduction to Hardware and Operating Systems – IBM | [Certificate](#)
- The Bits and Bytes of Computer Networking – Google | [Certificate](#)

Oct 2025

Aug 2025

Aug 2025

Sep 2024

Sep 2024

ACHIEVEMENTS

Solved 250+ Coding Problems:

Practiced consistently across LeetCode and multiple coding platforms, completing 150+ problems on LeetCode and a total of 200+ problems across other platforms with strong problem-solving accuracy.

Nov 2025

Competitive Programming Achievements:

Earned five Star in Java on HackerRank, demonstrating strong problem-solving ability, algorithmic thinking, and competitive coding expertise.

Dec 2025

EDUCATION

Lovely Professional University

Bachelor of Technology - Computer Science and Engineering **CGPA: 7.81**

Punjab, India

Since Aug 2023

Rainbow modern School

Intermediate | Percentage: 85%
2023

Ghazipur, Uttar Pradesh

Apr 2021 – Mar

Vidya Public School

Ghazipur, Uttar