# MAINAK MAJUMDER

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## PROFESSIONAL SUMMARY

Passionate software developer with strong expertise in full-stack web development and UI/UX design. Experienced in building scalable applications using JavaScript, React, and backend technologies like PHP and Java Spring Boot. Proficient in API integration, responsive design, and SEO optimization. Collaborative and solutions-oriented with a track record of delivering impactful digital products.

## SKILLS

**Programming Languages:** Java, Python, JavaScript, PHP, MySQL
**Web Technologies:** HTML, CSS, ReactJS, Bootstrap, Java Spring Boot
**Tools & Platforms:** Figma, Git, CRM Systems
**Soft Skills:** Communication, Leadership, Collaboration, Adaptability

## PROFESSIONAL EXPERIENCE

**Computer Instructor**                 Computer Infotech                 *November 2022 – August 2023*

- Delivering instruction on programming fundamentals and practical applications.
- Mentoring students to build hands-on technical competence across multiple domains.

**Web Development Intern**                 CodersCave                 *May 2024 – June 2024*

- Developed full-stack real-time chat web application using HTML, CSS, and JavaScript.
- Created a weather dashboard using third-party API integration for live data.
- Built a responsive blog website using HTML and CSS.

## PROJECTS

- **Website of a School (Ramkrishna Ashrama Vidya Pitha, Panagarh)**
  Developed a responsive school website using React.js with SEO optimization and Prerender.io integration to enhance Google Search indexing.
- **UI Designer – Applied Physio Platform**
  Designed modern, accessible interfaces for a healthcare web application using Figma. Focused on UX consistency and visual clarity.
- **AI-Driven Stress Detection for Student Well-Being**
  Created a smartwatch-based real-time stress detection system using physiological signals (heart rate, temperature, activity). Implemented machine learning classifiers (RFC, SVM, KNN). **Research paper accepted**.
- **Qubit AI Chatbot**
  Built an intelligent chatbot using React.js for code-related assistance. Integrated Gemini 2.0 Flash model for developer-friendly prompt responses.
- **Department Website – Mankar College (CS)**
  Revamped the departmental site with improved responsiveness, clean layout, and focused content structure for better engagement.

## EDUCATION

**Master in Computer Application**                 *August 2022 – March 2024*
Dr. B C Roy Engineering College, MAKAUT                 SGPA: 6.50
**BSc. (Hon) in Computer Science**                 *July 2019 – July 2022*
Mankar College, University of Burdwan                 CGPA: 9.06
**Higher Secondary Education (10+2)**                 *2019*
Budbud Mahakali High School, WBCHSE                 Percentage: 79%
**Secondary Education (10th)**                 *2017*
Ramkrishna Ashrama Vidya Pitha, WBBSE                 Percentage: 86%