

Rahat Parvej

Web Designer & Developer

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Passionate Web Developer with hands-on experience in WordPress customization, backend development, and responsive design. Skilled in PHP, JavaScript, Django, and API integration, with research exposure to federated learning and machine learning applications.

EDUCATION

M.Sc. in Computer Science and Engineering

2023

Jatiya Kabi Kazi Nazrul Islam University, CGPA: 3.71 out of 4.00

Project: Web Based Prediction of Target Disease on Distributed Data Using A Privacy-Preserving Federated Learning Approach

2021

B.Sc. (Engg.) in Computer Science and Engineering

Jatiya Kabi Kazi Nazrul Islam University, CGPA: 3.04 out of 4.00

PROFESSIONAL EXPERIENCE

Junior Web Developer — Pixable Limited (Remote, London)

Oct 2024 – Oct 2025

- Develop and maintain custom WordPress themes and plugins.
- Convert PSD/Sketch/Figma designs into fully functional WordPress sites.
- Collaborate with designers, project managers, and other developers to ensure project requirements are met.
- Implement responsive design principles to ensure websites are mobile-friendly.
- Optimize website performance, ensuring fast load times and high performance.
- Troubleshoot and resolve issues related to existing WordPress websites. Ensure all websites adhere to SEO best practices and are optimized for search engines.
- Stay up-to-date with the latest industry trends and technologies to ensure our projects are cutting-edge.

PUBLICATION

Journal papers in review

2025

Parvej, R., Kamal, A.H.M., Bulbul, A.A.M., Alahmadi, T.J., & Moni, M.A. (2025). *A Weighted Federated Learning Framework for Privacy-Preserving EEG-Based Diagnosis of Major Depressive Disorder* [Under review].

HONORS AND AWARDS

ICT Division Fellowship

2024

Awarded ICTD Fellowship by the Ministry of Post, Telecommunication, and Information Technology for research excellence in data analysis and machine learning

TRAINING

Professional Outsourcing Training

2020

Completed 50 days (200 Hours) Long Professional Outsourcing Training held in 2020 on Web Design and Development, covering HTML, CSS, PHP, JavaScript, jQuery, WordPress development, conducted by the Learning and Earning Development Project, Information and Communication Technology Division.

PROJECTS

phonate.co.uk

2025

I was focused on the backend work, like API integration, building a custom booking process using WordPress functionality and custom jQuery and Ajax functions, and building custom filters for the search experience.

islamiccouncil.com

2025

I was focused on the backend work, like building a custom booking process using WordPress functionality and custom jQuery and Ajax functions, maintaining communication between the booking site and the frontend site, creating a custom post type for new bookings, and handling payment API calls.

fastmot.com

2024

I was focused on the backend work, like building a custom booking process using WordPress functionality and custom jQuery and Ajax functions, handling payment API calls.

moirarestaurant.com

2024

Developed full WordPress site based on client design mockups.

Web Based Prediction of Target Disease on Distributed Data Using A Privacy-Preserving Federated Learning Approach

2023

Develop the problem statement, design the solution and implement the solution using machine learning and web technology. I have combined Machine learning with Django to train CNN models and implement federated learning. I have got a fellowship for this project

Website to analyze abortion statistics

2021

I have used HTML, CSS, JavaScript and PHP to analyze and show the statistics of the abortion. I have collected data from a medical college hospital and used that to build the statistics. The system is able to analyze the result division, district, and also area-wise. There is an option to search for the nearest healthcare by selecting the area.

SKILLS

Programming Languages : C++, Python, Java

Web Development : HTML5, CSS3, PHP, JavaScript, jQuery, Ajax, Bootstrap

Frameworks : Django, TensorFlow, CV2, Pandas, PyTorch, Scikit-learn, Matplotlib

CMS : WordPress

Version Control : Git, GitHub

Other : REST API integration, Responsive Design, SEO Optimization