Mazharul Haque Pallab

Phone: +8801995121364
Email: 2114951066@uits.edu.bd
Permanent Address: Purbachal City, Rupganj, Narayanganj
Present Address: Purbachal City, Rupganj, Narayanganj

Summary:

I am a Computer Science and Engineering graduate with solid experience in programming, UX/UI design, software development, and machine learning. I am passionate about creating innovative, user-focused solutions and am eager to contribute my skills in both technical development and collaborative leadership roles within a forward-thinking team. I thrive in dynamic environments where continuous learning and teamwork drive success. My goal is to leverage technology to solve real-world problems and help organizations achieve their objectives efficiently.

Academic Qualifications:

– B.Sc. in Computer Science and Engineering (CSE), University of Information Technology and Sciences (UITS), 2020–2024, CGPA: 3.10

– HSC, Milestone College, 2017, GPA: 4.75

– SSC, Amdia Karishak Sromik High School, 2015, GPA: 4.83

Projects:

– **Precision Agriculture for Rice**: Designed and implemented a machine learning model to predict rice yields for 64 districts between 2026 and 2030. The model leveraged multiple data sources, including weather patterns, soil conditions, and historical production data, to provide accurate yield forecasts. This system aims to support agricultural planning and optimize resource allocation for farmers, enhancing productivity and sustainability in rice farming.

– **PHP Laravel CRUD Oparation**: During my internship, I worked through most of my experience on PHP Laravel on all CRUD operations. This experience moved me from the basic to intermediate level on PHP Laravel. Secondly, I developed a Pet Care Management project where I used PHP to manage the database of the website. This ensured that data was handled efficiently in the website while ensuring smooth interaction by any user.

– **Pet Care Management System**:Developed a platform for scheduling personalized pet care services, specifically for cats. The system also includes an integrated pet food store, allowing owners to purchase products for their pets. Built with PHP for efficient database management.

- **Software Design**: Designed several user-friendly websites and mobile app interfaces using Figma, focusing on responsive layouts and intuitive user experiences. These projects were developed to enhance my portfolio and showcase my design skills.

- **Computer Graphics**: Developed an animated village scenario using C++, incorporating realistic visual elements and dynamic animations to demonstrate programming and graphics rendering skills.

- **Basic Search Engine**: Developed a basic search engine using custom ranking algorithms.

Experience:

– Junior Engineer (Intern), LEADS Corporation Ltd. 2024

  – Contributed to development projects within the ERP Solutions team.
  – Worked with C, ASP.NET, SQL Server, .NET Web APIs and PHP .
  – Collaborated with senior developers to build scalable applications.

– Senior Executive, UITS Computer Club 2024

  – Organized seminars and led mentoring programs.
  – Fostered collaboration and promoted research culture in the club.

Skills:

– Programming: C, C++, Python, PHP

– Web Technologies: HTML, CSS, JavaScript, .NET, MySQL, PHP Laravel

– Data Analytics: Matplotlib

– Machine Learning: Predictive modeling, Supervised/Unsupervised learning

Achievements:

– Software Development Intern Certificate

– 1st Position – UX/UI Seminar by UITS Computer Club

– Champion – UITS Central Football Tournament

– 2nd Runner-Up – UITS Intra-department Football Tournament

Languages:

– Bangla: Native

– English: Fluent

References:

– Al-Imtiaz, Associate Professor and Head, Department of CSE, UITS
  Phone: 01715135517
  Email: al.imtiaz@uits.edu.bd