KHADIJA HASNAIN

SOFTWARE ENGINEER

CONTACT

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SKILLS

- **Programming Languages:**
  (JavaScript, PHP, Python)
- **Databases:**
  (MySQL, MongoDB)
- **Frameworks & Libraries:**
  (Laravel, Bootstrap, Next.js,
  React, HTML, CSS)
- **Tools & Technologies:**
  (Git, Docker)
- **Core Competencies:**
  -Problem-Solving,
  -Project Management,
  -Communication,
  -Team Collaboration

CERTIFICATIONS

- Communication and Soft Skills -
  DigiSkills
- HTML, CSS, and JavaScript for
  Web Developers - **Coursera**
- IBM Full Stack Software
  Developer - **Coursera**
- Google Project Management -
  Coursera
- WordPress - **DigiSkills**

LANGUAGE

English , Urdu

PROFESSIONAL PROFILE

Versatile Full Stack Developer with expertise in web development, skilled in front-end and back-end technologies. Proficient in HTML, CSS, JavaScript, and frameworks like React, Laravel, and Next.js, with experience in PHP, Python, and Node.js. Proven ability to create responsive, visually appealing websites, adhering to industry best practices. Strong in testing, debugging, and optimizing web applications for superior performance. Effective communicator and collaborative team player committed to continuous learning and professional growth.

EDUCATION

BS Software Engineering

NUML , **Islamabad**   **(2022-Current)**

Ambitious BS Software Engineering student at Numl, Islamabad, building a strong foundation in software development and technology with a passion for innovation.

EXPERIENCE

University Projects

E-Commerce Website Development

- **Role:** Full Stack Developer
- **Technologies:** HTML, CSS, JavaScript, Core PHP, MySQL, Git.
- **Frontend:** Designed a responsive, user-friendly interface.
- **Backend:** Developed user authentication, product management, order processing, and payment integration in PHP.

Features:
- **User Authentication:** Secure login/registration with email verification.
- **Product Management:** Admin CRUD operations for products.
- **Shopping Cart:** Add/update products, checkout.
- **Order Processing:** Secure payment gateways.
- **Search and Filter:** Advanced product search options.
- **User Reviews:** Ratings and reviews for products.

Outcome: Launched a fully functional e-commerce platform.

Freelancing Projects

Python:
- COT report chart application
- OOP project
- Database design, optimization, and implementation
- Jupyter Notebook tasks
- MongoDB on Kubernetes with Flask
- Data programming project
- Object-relational database in PL/SQL

C/C++:
- Simulated CPU development
- Lexical analyzer generation
- Limited math server (matrix inversion)
- Effects of evolution on a population of robots

Web Development:
- E-commerce website (Agile methodology)

Java:
- Server Application with MySQL and JDBC
- ER diagrams
- Web application project

R:
- Logistic and Ordinal logistic regression
- Stock performance analysis
- Shiny app development
- Health insurance map

Linux:
- Merge sort algorithm variation