Sk Mamun Islam

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SKILLS

- **Languages**: Java, Python, C, C++, Kotlin, SQL, JavaScript, React
- **Frameworks**: HTML, CSS, JSP, JDBC, SpringBoot, Flask, TensorFlow, PyTorch, Scikit-learn
- **Tools/Platforms**: MySQL, MongoDB, Git, Docker, Google Cloud Platform, VS Code, PyCharm
- **Soft Skills**: Problem-Solving, Initiative, Leadership, Malleability, Diligent

TRAININGS

Cipher Schools — Jan' 25 – Feb' 25

Java FullStack using SpringToolSuite
- Formulated dynamic web applications **using Java, Spring Boot, JSP, JDBC**, and **MySQL**, ensured scalable architecture.
- Pioneered and optimized **RESTful APIs**, improved backend efficiency and data handling.
- Enhanced application performance by optimizing database queries and reduced response time by **30%**, ensured a seamless user experience.

Hitbullseyes — Jun' 24 – Jul' 24

Competitive Programming using VsCode
- Mastered data structures and algorithms, solving complex coding problems efficiently.
- Practiced problem-solving on platforms like LeetCode and CodeChef, improved coding speed and accuracy.
- Improved coding efficiency by achieving a **40%** reduction in problem-solving time on platforms like LeetCode and CodeChef through consistent practice and optimization.

PROJECTS

Microsoft Clone | **Java, JSP, JDBC, MySql, SpringBoot, Html, Css, JavaScript** — Feb'25
- Engineered a web application that incorporates a full-stack architecture and is responsive, reflected important feature offered by Microsoft.
- Developed a robust backend with **Spring Boot** and **JDBC**, seamlessly managed data via **MySQL**.
- Optimized code and implemented best development practices, enhanced scalability and performance by **25%.**
- Elevated user experience by implementing an intuitive and structured front-end interface.

Pizza Delivery App | **Kotlin, XML** — Aug' 24
- Designed a dynamic pizza ordering application with customization and order placement features.
- Built an intuitive user interface using **XML** layouts, ensured seamless navigation.
- Increased order processing speed by **30%** through automated pricing and streamlined data handling.
- Incorporated seamless user authentication for secure transactions and personalized recommendations.

AI Chatbot Development | **Python** — Jul' 24
- Programmed an **AI-powered** chatbot leveraging **NLP** and machine learning algorithms.
- Implemented intelligent query handling to improve response accuracy and reliability.
- Enhanced query resolution efficiency by **40%,** reduced response time significantly.
- Elevated software robustness through extensive testing and iterative refinements.

CERTIFICATES

Android Development	Coursera	Dec' 24
Data Science	Coursera	Aug' 24
Problem Solving, Software Engineer, SQL, Java, Python, JavaScript, React	HackerRank	Jun' 24
Computer Networking	Coursera	May' 24

ACHIEVEMENTS

- Published a research paper on exploring advancements and applications of real-time embedded systems. — May' 24
- Awarded ₹20,000 cash prize for outstanding performance in a capstone project. — Apr' 24

EDUCATION

Lovely Professional University — Punjab, India
Bachelor of Technology — *Since Aug' 22*
Computer Science and Engineering; CGPA: 7.61

Chowkhali High School — Chandipur, West Bengal
Intermediate — *Apr' 20 – Mar' 22*
PCM; **Percentage: 84%**

Chowkhali High School — Chandipur, West Bengal
Matriculatio — *Apr' 18 – Mar' 20*
Percentage: 72%