HASSAN JAMSHIAD

Full Stack Developer

EDUCATION

Bachelors of Science - Computer Science

University of Central Punjab

📅 11/2022 - Present

EXPERIENCE

Full Stack Intern

NETSOL Technologies INC

📅 07/2024 - 09/2024   📍 Lahore, Pakistan

Company Description

- **Backend Development:** Built scalable systems using Spring Boot, implemented microservices architecture, and integrated Kafka for reliable data processing. Ensured secure database interactions with PostgreSQL and Spring Security.
- **Frontend Development:** Designed responsive and user-friendly interfaces using React.js, Redux Toolkit, Ant Design, Tailwind CSS, SASS, and Material-UI to enhance user experience.
- **Collaboration & Version Control:** Leveraged Git and GitHub for efficient version control, collaborating with senior developers and interns to deliver maintainable and high-quality code.

Webmaster

IEEE Computer Society UCP Student Chapter

📅 10/2024 - Present   📍 Lahore, Pakistan

Company Description

- Developed and managed the official website for the IEEE Computer Society UCP Student Chapter, ensuring a dynamic and user-friendly experience.
- Maintained and updated website content, event announcements, and resources for students.

SKILLS

React Js	Redux Toolkit	JavaScript	TypeScript
Node Js	MERN	SQL	Java	SpringBoot
Python	TailwindCss	Next Js	PHP	C / C++
JWT AUTH	REST APIs	Git & Github	Tensorflow
Pytorch			

FIND ME ONLINE

📞 **+92 3450798420**
Username

G+ **hjamshaid81@gmail.com**
Username

LANGUAGES

English
Proficient
●●●●○

Urdu
Native
●●●●●

SUMMARY

Experienced full stack developer with expertise in building scalable web applications and integrating AI models. Skilled in developing with modern frameworks and libraries, managing state with Redux, and applying machine learning techniques using AI tools. Passionate about creating high-performance solutions and continuously expanding my knowledge in both web development and AI.

PROJECTS

Trade an Idea – AI-Powered MERN Stack &Python Idea Validation Platform

📅 Date period   📍 Location

Short summary of your work

- Developed a **full-stack MERN application** allowing users to **post and explore unique ideas** categorized by industry and SDGs.
- Integrated a **pre-trained Hugging Face model (ahxt/LiteLlama-460M-1T)** to assess idea originality, rejecting those with **≥70% plagiarism** using **PyTorch and TensorFlow**.
- Trained the model on a **10K dataset**.
- Utilized **MongoDB, Express.js, React.js, and Node.js** to build a scalable and responsive platform.

Pulse Web App – Blood Donation & Hospital Management Platform

📅 Date period   📍 Location

Short summary of your work

- Developed a **blood donation platform** connecting hospitals, donors, and recipients with real-time availability
- Built with **React.js, Redux Toolkit, Tailwind CSS, Spring Boot, and MySQL**, ensuring a secure and scalable system.
- Implemented **Spring Security with JWT authentication** for user registration, donation requests, and hospital reviews.

Messaging App – Real-Time Chat Platform

📅 Date period   📍 Location

Short summary of your work

- Developed a **real-time messaging app** using **React.js** for the frontend and **Spring Boot with PostgreSQL** for the backend.
- Implemented **secure authentication** using **Spring Security** and **JWT-based authentication**.
- Integrated **Socket.IO** for **instant messaging**, **one-on-one and group chats**, **call logs**, and **file sharing**.

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