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[Portfolio](#)



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EXPERIENCE

Full Stack Engineering Intern | Byte (YC S20)

Sep 2023 – Nov 2023

- Collaborated with the team in creation of Byte's Inventory Management System, including development of frontend and backend which was done in these technologies: Next.js, Nest.js, PostgreSQL, and TypeORM
- Actively participated in enhancing the backend of the Kitchen Display System, making incremental changes

Freelance Software Developer

Aug 2023 – Present

- Developed an ID card generator website, employing Flask for backend and Pillow for image processing.
- Successfully delivered a portfolio website created in React.js and integrated a custom AI chatbot in it.
- Developed an AI content generation tool which allows input of various parameters, including topic, keywords, content style, and level of creativity, enabling it to generate tailored content with precision.

PROJECTS

Ecommerce Store | Next.js, FastAPI, TypeScript, PostgreSQL, Tailwind | [Link](#)

- Implemented robust authentication from scratch to enhance user privacy and security.
- Utilized React Query for optimized data fetching contributing to improved application performance.
- Designed a normalized database, ensuring scalability, data integrity, and efficient query performance and Integrated Stripe for seamless and secure payment processing.

File Sharing Platform | Next.js, Firebase, TypeScript, Tailwind | [Link](#)

- Developed a secure file sharing platform where users can share files through automatic emails.
- Implemented dynamic file uploads to Firebase storage with automatic link generation for each file.
- Enabled users to seamlessly share files with optional password protection, ensuring enhanced privacy.

AI Tools Using LLMs | Python, Streamlit, Langchain, Gemini Pro | [Link](#)

- Developed a chatbot where users can chat with their documents, responses are given based on the entire chat.
- Developed a YouTube Video Summarizer Tool providing users with summaries based on the video content.
- Developed an image analysis and interpretation tool where users can get information about uploaded images.

Password Manager | MongoDB, React, Express, Node.js, TypeScript, Tailwind | [Link](#)

- Implemented encryption techniques to ensure the safe storage and transmission of user passwords.
- Implemented user authentication using JSON Web Tokens (JWT) for secure login and access control.
- Developed RESTful API to enable features such as creating, reading, updating, and deleting passwords.

EDUCATION

Bachelor's in Computer Science - CGPA: 3.73

Lahore, PK

Courses: Data Structures & Algorithms, Databases, Operating Systems, Computer Networks

SKILLS

- **Languages:** TypeScript, JavaScript, Python, MySQL, MongoDB, PostgreSQL
- **Frameworks:** Next.js, Nest.js, React, Node.js, Express, Flask, FastAPI
- **Others:** Git, Docker, AWS, Postman, TypeORM, Prisma, Mongoose, Jira, HTML/CSS
- **Certifications:** Basic AI Course - *Seven Skills* | AWS Cloud Concepts - *DataCamp*