Shams Zaman

Contact : Mumbai, India — shams03.work@gmail.com — LinkedIn — Github — Twitter — Portfolio

EDUCATION

Sant Longowal Institute of Engineering and Technology   Punjab, India
Bachelors in Computer Science , GPA : 9.09   *Dec 2021 – July 2025*

Pace Junior Science College   Mumbai, India
Senior Secondary (Class 12), 85.69%   *Apr 2018 – July 2020*

St. Joseph High School   Mumbai, India
Secondary (Class 10), 96%   *Apr 2007 – Apr 2018*

PROJECTS

Ecommerce Microservies Project - Go lang —   Project Link
- Three microservices accounts , orders and products integrated with each connected to their own database for scalability and loose coupling .
- gRPC used to communicate between microservices and graphQL for querying to enhance scalability .

Online End to End Payment System —   Project Link
- Developed a secure and efficient payment system, integrating Webhooks from banks for seamless transactions.
- Reduced transaction delays by 40% with optimized payment processing.

Full Stack Twitter Clone —   Project Link
- Developed a full-stack Twitter clone allowing users to create and post tweets, follow others, and manage profiles.
- Implemented OAuth for Google sign-in, GraphQL for data queries, and deployed the platform on AWS for scalability and performance.

Lock-AR Zero Trust PMS —   Project Link
- Created a zero-trust architecture password management system with client-side encryption and secure password hashing methods.
- Enhanced system integrity by combining master password and random bits for robust protection

Multi AI RAG Chatbots —   Project Link
- Utilized LangGraph for designing sophisticated graph-based workflows, streamlining the interaction between AI models, databases, and APIs.
- Leveraged AstraDB (Apache Cassandra) to handle scalable, high-performance, and real-time data storage needs, ensuring seamless access to large-scale conversational datasets.

TECHNICAL SKILLS

Languages: C++, C, Java, JavaScript, Go, SQL , Python, Bash
Technologies: PostgreSQL, MongoDB, GraphQL , Tailwind CSS, Microservices , Node.js, Django , React.js, Next.js, WebRTC, gRPC
Tools: Git, Docker, Kubernetes, AWS, Prometheus, Grafana, Redis , Ansible , Terraform
AI-ML: NumPy , Pandas , Matplotlib , Seaborn , Plotly , Tableau , NLP (NLTK , Transformers) , Deep Learning (ANN , RNN , LSTM) , Generative AI

EXPERIENCE

Software Engineer Intern   Feb 2025 – Present
TechSharthi Consultancy Services   *Hyderabad, India*
- Frontend state management using Redux and Redux thunk
- Backend API creation for MathSharthi.ai using Django
- Product Lead - TechSharthi.ai , all in one solution for using several LLMs using single prompt

Software Engineer Intern   June 2024 – July 2024
Swap Digit IT Services   *UP, India*
- Developed solutions to analyze historical performance of applications using npm-winston, Prometheus, and Grafana.
- Optimized frontend React.js application performance, reducing re-rendering by 50% to 80%.