

Shahil Kumar

+91 9138300882 | shahil9728196648@gmail.com | LinkedIn | GitHub

Experience

Optmyzr

May 2025 - Present

Software Development Engineer - 1

- Developed a POC to integrate **MCP** into the existing chatbot system of Optmyzr, enabling external tool access and allowing users to perform operations through models like Claude and ChatGPT.
- Built an intent-based category classification system using Pinecone embeddings and C#, enabling automatic website content categorization. Optimized the workflow and replaced the external Web Shrinker API, reducing processing cost from **~\$50 to ~\$1 per month** while significantly improving efficiency.
- Built a **Seasonal Decomposition** tool from scratch, integrating a Python-based model and caching strategies to efficiently process large-scale account datasets with optimized performance.

Optmyzr

Apr 2024 – Apr 2025

Software Development Engineer Intern

- Introduced Duck DB and Parquet to efficiently process large datasets and improve slow data retrieval from Meta and Google Ads APIs. This optimization reduced tool loading time by **60–70%** and significantly improved filtering performance on large datasets.
- Integrated and worked with **Meta and LinkedIn Ads APIs**, fixing existing issues and developing new features and tools within the platform.

GoFinx (BazaarX.CO)

May 2023 – Aug 2023

Freelance Web Developer

- Designed and developed responsive, user-friendly WordPress and custom websites for GoFinx clients, including custom themes and plugins tailored to client needs.

Projects

Visualio AI | [GitHub](#) | [Live](#)

MERN Stack

- A cutting-edge platform powered by OpenAI that transforms text into high-quality videos. It automatically converts scripts into video content and selects relevant stock footage to match the narrative, enabling seamless video creation for storytelling, education, and marketing.

EventCrew | [GitHub](#) | [Live](#)

React Native & Expo

- EventCrew is an all-in-one app to create and manage events, hire vendors, and coordinate tasks in one place. Users can find experts like DJs and photographers, explore nearby events, or join as crew. With simple planning and built-in collaboration, EventCrew makes event management fast, organized, and effortless.

Tutotube | [GitHub](#) | [Live](#)

MERN Stack

- Tutotube uses Open AI and semantic search tech to provide easy-to-understand answers from YouTube videos. Users input natural language questions, and the platform retrieves the best answer, making it a valuable learning tool.

Technical Skills

Languages: C++, C#, JavaScript, HTML, CSS

Frameworks/Libraries: React, Node.js, Tailwind CSS, Mongoose

Databases: MySQL, MongoDB, AWS Dynamo DB

Tools & Cloud: AWS (S3, SQS, SNS, Event Bridge), Pinecone, Git

Education

Lovely Professional University

Punjab, India

BTech: Computer Science Engineering, Current CGPA: **7.91**

2021 - 2025

Galaxy Public International School

Haryana, India

Percentage: **84**

2019 - 2021

Kendriya Vidyalaya Hisar Cantt

Haryana, India

Percentage: **91.2**

2009 - 2019