



# Sabique Islam

 [Portfolio](#)

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## EDUCATION

### PES University, Bangalore

*Bachelor of Technology in Computer Science*

Sep. 2024 – June 2028 (Expected)

CGPA - 8.00

### Kendriya Vidyalaya No. 2, Bangalore

*Senior Secondary Education (Science), CBSE*

Aug. 2020 – March 2024

91.8%

## SKILLS

**Languages:** Python, JavaScript, C, C++

**Frameworks:** React.js, Next.js, Flask

**Tools:** Git, Docker, Jupyter, VS Code

**Platforms:** GitHub, Google Colab

## PROJECTS

### PesXChange | *Next.js, Supabase, TypeScript, Tailwind CSS* | [Preview](#) | [Github](#)

2025

- Developed a campus C2C marketplace for PES University students to list, exchange, and chat about second-hand products.
- Implemented **PESU-credentials-based authentication** along with Supabase storage and database integration.
- Built a real-time chat feature and item listing system, ensuring responsive UI/UX with **Tailwind CSS**.
- Gained first-hand experience in collaborative software development and team workflow management in a small-scale project environment.

### Activity Recommender CLI | *C, GloVe, NLP, Cosine Similarity, Next.js* | [Github](#)

2025

- Engineered a **C-based CLI** tool that parses group preferences and recommends activities using semantic embeddings.
- Designed a text preprocessing pipeline with case normalization, hyphen handling, and tokenization to enhance parsing accuracy.
- Applied **300D GloVe embeddings** and **cosine similarity** to rank **2000+ activities**, returning top 3 matches with similarity scores.
- Built a minimal **Next.js UI** that connects to a custom **C REST API** via **microhttpd** and **cJSON**.

### GitHub PR Summarizer | *Python, GitHub Actions, Gemini AI, YML, CI/CD* | [Blog](#) | [Github](#)

2025

- Created a GitHub Action that auto-generates dev-friendly PR summaries using **Gemini 2.5 Flash**, reducing manual review effort.
- Parses diffs, titles, and changed files on PR events; invokes Gemini to produce concise, context-aware summaries.
- Packaged with **YML workflows** and GitHub Secrets for secure, plug-and-play setup across repositories.

### Pixiefie | *Next.js, Tailwind CSS, Vercel* | [Preview](#) | [Github](#)

2025

- Designed a web app that generates branded, shareable ID cards from social media handles; currently supports **GitHub** and **Reddit**.
- Fetches and visualizes user **profile picture, name, and username**, and embeds a live **QR code** linking to the account.

## ACHIEVEMENTS

**Codeblitz Hackathon**, PES University

10/85+ teams

2025

**ACM Hacknight 6.0**, PES University

52/200+ students

2024