Abdul Samad

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Education

United College of Engineering and Research | *GPA: 6.01*   *2022 - 2026*
| *Bachelor of Technology in Computer Science and Engineering*   *Prayagraj, UP*
Percentage aggregate: 65%

St. Joseph's College   *2022*
| *High school and Senior Secondary*   *Prayagraj, UP*
10th - 85%
12th - 71%

Projects

MiniLinks | Live

- Developed MiniLinks, a clean and lightweight URL-shortening web app that offers users fast, intuitive link shortening.
- Every link is associated with am alpha numeric code which helps redirecting the user to their

desired link.

PassVault | Live

- Developed a password manager with zero knowledge architecture, ensuring client side encryption using Web Crypto API and zero plaintext transmission.
- Used React.js and TailwindCSS for building the responsive frontend, Express.js to build the backend API, MongoDB to store the credentials, react-hook form for taking input and react router.
- Implemented initial API protection using API keys and CORS policies for communication with only the PassVault frontend.

FundFlow | Live

- Developed FundFlow, a crowdfunding platform enabling users to launch campaigns for community projects or events and get support from followers through a modern interface.
- Build using Next.js and MongoDB. Implemented OAuth authentication using NextAuth.js and used server actions to update and retrieve from database.
- Developed creator specific profile page and dashboard where they can edit their profile and list their information.

Technical Skills

Languages: JavaScript, Java, Python, C
Frameworks and Libraries: React.js, Next.js, Express.js, TailwindCSS, Mongoose ODM
Database: MongoDB
Other Technical Skills: Linux, Git & GitHub

Activities

TryHackMe

- Learned about web application security fundamentals and secure coding practices. Ranked in top 4% worldwide.