Kumar Shahil

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech.(Mathematics and Computing)	Rajiv Gandhi Institute of Petroleum Technology, Jais, Amethi, UP	7.38 (Current)	2021-2025
Senior Secondary	DAV Centenary Public School, Siwan	77.0%	2020
Secondary	DAV Centenary Public School, Siwan	88.4%	2018

PROJECTS

- **Cumfy Foot**   Github
  E-Commerce website for footwear.
  - Business to Consumer website for footwear.
  - Easy access to 15+ different footwear brands in one place.
  - *Tech Stack*: HTML, CSS, JavaScript, Bootstrap, Php, MySQL.

- **Text to Video Converter (Smart India Hackathon Project)**   Github
  AI generated video using batch images and audio generated from text prompts.
  - Data collection is done using Web scraping technique, then it is converted into a batch of 1000+ images.
  - The raw text is used to voiceover by AI and then combined with the batch images to create a video.
  - *Tech Stack*: BeautifulSoup4, Selenium, Decoder-Decoder model, Stable diffusion pipeline, Text-to-Speech.

- **Kaltarang '24 Website**   Github
  The official website for the cultural fest of RGIPT.
  - Developed immersive Kaltarang '24 website for RGIPT's cultural fest using 3.js, HTML, CSS, and JavaScript.
  - Facilitated registration for 19+ events through the website, enhancing user engagement and streamlining event management.

- **Timed Quiz Native Web Application (Ongoing)**   Github
  A native web application built using HTML, CSS, JS and firebase as database, used to create and give timed quizzes With live leaderboard.
  - The application has a separate interface for both presenter and examinee.
  - The application is automated and does not require human intervention while giving the test.
  - It has a live leaderboard that is displayed to the presenter.

TECHNICAL SKILLS

- **Languages**: C/C++, Python, JavaScript, HTML, CSS
- **Tools**: MS-Excel, Powe BI, AutoCAD
- **Technologies/Frameworks**: Bootstrap, GitHub, Node.js, React, Next.js
- **Databases**: MongoDB, MySQL

KEY COURSES TAKEN

- **Mathematics**: Linear Algebra, Numerical Methods, Discrete Math's, Statistics, Number Theory, Stochastic Process
- **Computer Science**: DSA, DBMS, Web Development, OS, Computer Networks, Data Mining, Deep Learning, AI

POSITIONS Of RESPONSIBILITY

- **Technical Head** GFG RGIPT SC   *Sep. 2023 - Present*
  - Led technical initiatives and events as Technical Head at GFG RGIPT SC, fostering skill development and community engagement.
  - Organized workshops and competitions, enhancing technical proficiency and fostering a vibrant tech community.

- **Technical Head** KALTARANG'24   *Feb. 2024 – Apr. 2024*
  - Managed technical operations as Technical Head for Kaltarang '24, optimizing website functionality and ensuring user experience.
  - led a team on innovative digital solutions and managed the technical setup for the cultural event.

ACHIEVEMENTS

- Secured Runner-Up position in RGIPT's business plan competition (UDAAN), demonstrating vision for entrepreneurship and strategic abilities.