Shashi Kumar Gupta

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EXPERIENCE

BHABHA ATOMIC RESEARCH CENTRE | PROJECT TRAINEE
May 2025 – Present | Mumbai, IN

- Worked on the Xilinx ZCU216 RFSoC board using the QICK (Quantum Instrumentation Control Kit) library to facilitate high-speed signal generation and acquisition for quantum computing experiments. Developed Python-based control sequences for precise waveform generation and integrated FPGA-level control with Python APIs for seamless hardware-software interaction.

GEEKSFORGEEKS | STUDENT CAMPUS AMBASSADOR
July 2024 – Present | Remote

- Promoted GeeksforGeeks initiatives by organizing coding events and increasing campus engagement. Acted as a liaison to boost student participation in contests, spread awareness, and market GFG courses effectively.

PRODIGY INFOTECH | WEB DEVELOPER INTERN
June 2024 – July 2024 | Remote

- Designed and built responsive web projects including a landing page, stopwatch, tic-tac-toe game, personal portfolio, and weather app with API integration, enhancing front-end skills in JavaScript and user-centric design.

PAWZZ WELFARE ORGANISATION | FUNDRAISER INTERN
June 2024 – July 2024 | Remote

- Engaged donors to support 1000 stray dogs, meeting fundraising goals and developing key skills.

PROJECTS

PERSONAL PORTFOLIO WEBSITE | **Visit**

- Developed a responsive personal portfolio website with interactive 3D animations using React, Tailwind CSS, and Three.js, supported by a Node.js/Express backend for efficient routing and data handling, showcasing full-stack development expertise.

UBER CLONE | **Visit**

- A ride-hailing app clone allowing users to book rides, track drivers in real-time, and make payments.
  Tech Stack: MERN Stack, MongoDB, Google Maps API

CHATTY - REAL TIME CHAT APP | **Visit**

- A real-time chat application enabling instant messaging with features like group chats and one-on-one conversations.
  Tech Stack: MERN Stack, MongoDB, WebSockets

URL SHORTENER | **Visit**

- A web-based tool for shortening URLs, featuring custom aliases and analytics.
  Tech Stack: MERN Stack, MongoDB

EDUCATION

BIRLA INSTITUTE OF TECHNOLOGY, MESRA
BACHELOR OF TECHNOLOGY IN ELECTRONICS AND COMMUNICATION ENGINEERING
2022-2026
Cum. GPA (upto 6th sem): 7.68 / 10.0

DELHI PUBLIC SCHOOL, DHANBAD
CBSE XI-XII
2020-2022
AISSCE 2022 percentage – 95.4%

ST XAVIER'S INTERNATIONAL SCHOOL, DHANBAD
CBSE I- X
2010-2020
AISSE 2020 percentage – 96.4%

SKILLS

PROGRAMMING
• Java • C • JavaScript • TypeScript • Node.js • Express.js • MongoDB • Mongoose • SQL • HTML • CSS • TailwindCSS • Bootstrap • React.js • Next.js • Assembly Programming • Python

TECHNOLOGY
• Git/Github • Windows • NPM • Postman • Atlas • Vite • Vercel • Render • Visual Studio Code

CORE
• Data Structures and Algorithms • Object Oriented Programming • Database Management Systems • Operating Systems • Computer Networks System Design • Low Level Design

LINKS

Github:// **shashi162003**
LinkedIn:// **Shashi Kumar Gupta**

CODING PROFILES

TakeuForward :// **shashi16**
GeeksforGeeks:// **shashikumahiar**