Sarthak Gupta

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EDUCATION

Vellore Institute of technology, Vellore, India <div align="right">**Sep 2021 - June 2025**</div>
Bachelors of Technology in Computer Science and Engineering

St. Andrews School, Agra, Uttar Pradesh <div align="right">**March 2020**</div>
Senior Secondary Education

EXPERIENCE

Summer Intern - BCS Infallible Technology <div align="right">**May 2024 - July 2024**</div>

- Contributed to AllenMeet, an intra-university platform facilitating interaction among students, alumni, and faculty, enabling them to share skills, projects, and certifications effectively.

- Involved in full-stack development, using React.js to create a user-friendly frontend and Node.js with MySQL to manage and process backend data efficiently.

TECHNICAL SKILLS

- **Programming languages:** Java, HTML, CSS, Javascript
- **Databases:** SQL, MongoDB
- **Frameworks:** Bootstrap, React.js, Node.js, Express.js
- **Cloud Computing:** AWS Cloud
- **Tools:** Firebase, Wireshark, Cisco Packet Tracer, Postman, R Studio, Github

PROJECTS

Animal Adoption Website <div align="right">Project Link</div>

- Enhanced user experience by developing a robust pet adoption platform with comprehensive registration and an extensive database.

- Implemented a stringent adoption process to ensure safety and built strategic partnerships with shelters, creating a dynamic adoption ecosystem.

Portfolio Website <div align="right">Project Link</div>

- Effectively communicated my skills with a detailed breakdown of technical expertise, highlighting proficiency in key areas such as web development, programming languages, and design tools.

ParkAssist

- Developed an IOT project to help drivers find parking slots by detecting car entry, counting vehicles, and displaying "No slots available" when full on an LCD.

- Utilized components such as an Arduino board, IR proximity sensors, 16x2 LCD display, servo motor, and jumper wires to automate the process of managing parking space availability.

CERTIFICATIONS

AWS Certified Cloud Practitioner	January 2024	Verification Link
MERN Full Stack	November 2023	Certificate Link
NPTEL: Wildlife Ecology	November 2023	Verification Link
Smart India Hackathon	September 2023	Certificate Link
NPTEL: Macro Economics	November 2022	Verification Link

POSITIONS OF RESPONSIBILITY

SECRETARY - Bulls and Bears Club VIT
- Hosted several events including an offline trading event Dalal Street with over 600 participants while leading a team of over 100 people.
- Several Online Webinars - with VIP guest speakers (Zerodha Co-Founder Mr. Nithin Kamath, Zerodha Educational Head Mr. Kartik Rangappa) - Took finance sessions for the club's course.

RELEVANT COURSEWORKS

- **Computer Science:** OOPS, Data Structures & Algorithms, Operating Systems, Computer Networks, Database Management System, Software Engineering, Compiler Design.