Avani Upreti

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Delhi, India

Linkedin   **Github**   **Portfolio**

EDUCATION

BTech in Software Engineering	**Delhi Technological University**	2021- 2025	**7.68 CGPA**
CBSE/AISSCE (Class XII)	**Delhi Private School, Sharjah**	2021	**90%**
CBSE/AISCE (Class X)	**Delhi Private School, Sharjah**	2019	**90.8%**

PROFESSIONAL EXPERIENCE

Software Engineering - Intern, Aieze   **June 2024 - August 2024**

Gained hands-on experience with the Spring Boot framework by developing and deploying a project from scratch, including functional development and testing. Built a solid foundation in core technologies such as Java, PostgreSQL, and API concepts, while exploring IDEs like IntelliJ IDEA and Eclipse. Contributed to the company project by understanding, testing, and documenting API functions, ensuring efficient functionality and performance aligned with project requirements.

PROJECT WORK

WanderLust - Source Code

Developed a full-stack application for real-time management of listings, reviews, and client information. The frontend was built using HTML, CSS (Bootstrap), and JavaScript, while the backend was powered by Express, Node.js, and MongoDB. Key features integrated into the application included authentication, APIs, error handling, and validation, with Express Router used for efficient routing. Additionally, middleware was employed for request handling, and schemas were utilized for robust data modeling.

Whatsapp Chat Analyzer - Source Code

Developed a Streamlit app for in-depth WhatsApp chat analysis, leveraging Python libraries such as Matplotlib, Seaborn, and WordCloud to create visualizations across different timelines. Employed Pandas for data manipulation, enabling tasks like filtering, grouping, and statistical analysis, which significantly enhanced the app's analytical capabilities.

Portfolio Website - Source Code

Created a personal portfolio website to showcase projects and skills, utilizing responsive design techniques with CSS media queries to optimize the user experience across five different device types. The design focused on enhancing accessibility and user satisfaction through adaptive and visually appealing elements.

Real Estate System - Source Code

Developed a real estate system using Python and data science techniques, processing house price data and addressing missing values to ensure data quality. Key Python libraries were leveraged, including Pandas for data manipulation, Matplotlib for data visualization, Scikit-Learn for model development, and Joblib for model serialization.

SKILLS AND CERTIFICATIONS

Technical Skills -
Proficient in: Java, C/C++, Python, SQL, PostgreSQL, JavaScript, HTML, CSS, React, Node.js, Express.js, Spring Boot, MongoDB, RESTful APIs, JWT, Bootstrap/Tailwind CSS, Git, GitHub.

Certifications -
Python for Data Science AI & Development,Technical Support Fundamentals, System administration & IT infrastructure services, Bites & Bytes of Computer Networking, Google Analytics for Beginners.

Soft Skills -
Leadership and collaboration, Comprehension and Data, Presentation and Public speaking,Event management, Effective communication,Strategic Thinking, Writing and Editing, Magazine Development.

POSITIONS OF RESPONSIBILITY

Editorial Executive, National Service Scheme,
Led the Editorial Department of NSS, effectively managing a team of 10-15 members.

Oversaw the creation, writing, and design of society reports, newsletters, and event materials, ensuring high-quality content delivery on tight deadlines.

Streamlined processes to increase content output and coordinated with other societies for joint events, enhancing communication strategies.

Emerging Technologist, Millennium Campus Network,
Selected as an "Emerging Technologist" for the Millennium Fellowship, joining a global network of over 4,000 leaders.

Led the STEP project to create a supportive environment empowering individuals to express themselves without fear. Collaborated with diverse fellows to develop initiatives.