Shruti Srivastava

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EDUCATION

2022-2026	B.TECH [HONS.] CSE - SPECIALIZATION IN BIG DATA	Dehradun, Uttarakhand
	UPES Dehradun	**Current CGPA – 8.95**
2020-2021	**XII GRADE CBSE BOARD**	Lucknow, Uttar Pradesh
	Navayuga Radiance Senior Secondary School	**Percentage – 95.2%**
2018-2019	**X GRADE CBSE BOARD**	Lucknow, Uttar Pradesh
	Navayuga Radiance Senior Secondary School	**Percentage – 93.6%**

TECHNICAL SKILLS

- **Programming Languages:** C, C++ , Java, Python, Scala
- **Frontend Development:** HTML5, CSS3, JavaScript (ES6+), ReactJS, Tailwind CSS, Bootstrap, NextJS
- **Backend Development (Optional):** Node.js, Express.js
- **Database Management:** SQL (MySQL, PostgreSQL), NoSQL (MongoDB)
- **DevOps & Developer Tools:** Linux, Docker, Git & GitHub, Computer Networking
- **Big Data & Machine Learning Concepts:** Information Retrieval, Natural Language Processing, Search Engine, Indexing,
- **Core Subjects:** Data Structures & Algorithms, Object Oriented Programming, Operating Systems, Database Management System, System Design

PROJECTS

AUG'24-DEC'24 ACADEMIC MONITORING & SPECIALIZATION SELECTION SYSTEM   GitHub Repository
- Developed this project using K-Medoids clustering and decision tree classification to recommend personalized academic specializations, implemented in Java.
- Leveraged data structures and algorithms to handle large-scale student data efficiently, with real-time decision-making capability
- Gained hands-on experience in distributed systems, machine learning, and Java-based large-scale application

AUG'24 SLACK API HANDLING   GitHub Repository
- Developed a NextJS web application that integrates with Slack API to send messages to a specified channel upon user interaction, reducing manual communication by 50% and showcasing proficiency in modern web development and API integration..

JUL'24-AUG'24 BRAIN FLASH: FLASHCARD WEBAPP   GitHub Repository
- Developed Brain Flash, a responsive flashcard web app using React.js and Tailwind CSS, with Appwrite for backend services
- Implemented user authentication, allowing for both a demo mode and secure user accounts with personalized flashcard storage
- Designed intuitive features for creating, customizing, and editing flashcards, enhancing the learning experience across devices

JUN'24-AUG'24 PERSONAL PORTFOLIO WEBSITE (REACTJS)   GitHub Repository
- Built a responsive portfolio using ReactJS and Tailwind CSS, showcasing projects, skills, and experience; achieved 100% Lighthouse performance score
- Implemented modern design with dark & light mode options, fast loading times, and smooth navigation, leading to a 25% increase in user session duration
- Demonstrated frontend expertise in modern development, responsive design, and user experience optimization; decreased bounce rate by 35%

MAR'24-APR'24 SWIFT: REAL TIME CHAT APPLICATION (MERN)   GitHub Repository
- Utilized Socket.io for seamless real-time communication, ensuring 99.9% message delivery success rate and 50% reduction in message latency
- Designed UI with Tailwind CSS, resulting in a 30% faster user interface load time and 20% increase in user engagement
- Engineered and deployed JWT-based user authentication, real-time messaging, online user status tracking, and global state management with Zustand; enhanced app security by 40% and reduced user login time by 15%

CERTIFICATES

May'23	Java Basic certificate HackerRank	AUG'24	NLP Certification by Infosys
Feb'23	Participation in Hackathon 7.0 organized by CSI, UPES	AUG'24	Introduction to Data Science by Infosys
Sep'23	Participation in UHACKATHON 4.0 META	AUG'24	Flipkart Grid 6.0 – Participation Certificate

INTERNSHIPS

SUMMER INTERN AT BADLAV INDIA NGO   **JUN'23 – JUL'23**
- Established strong working relationships & communication with diverse stakeholders across the organization

Graphic Designer - Microsoft Technical Community (College Chapter) (1 year)   **Nov'22 – Aug'23**
- **Increased Social Media traffic by 20%** through design elements promoting events and activities
- **Designed and built** visually appealing posters and edited engaging videos to enhance user engagement
- **Managed design projects & Academic Tasks concurrently**, meeting deadlines while maintaining high quality

Soft Skills: Communication, Collaboration, Project Management, Agility, Team Work, Active Listening, Email Writing, high impact Presentations, Time Management,