

# SOHUM CHANDRA SRIVASTAVA

## SOFTWARE DEVELOPER

### CONTACT

+91 9560978340  
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[Portfolio Website](#)  
Delhi, India

### SKILLS

Programming Languages:  
Java, C++, C, Python, SQL

Front-End Development:  
React.js, Redux, HTML5, CSS3, Bootstrap,  
Tailwind CSS

Back-End Development:  
Node.js, REST APIs

AI/ML Frameworks:  
TensorFlow, Scikit-learn

Tools & Platforms:  
Git, Google Cloud AI, Dialogflow

Other Technical Skills:  
Data Structures, Algorithms, Feature  
Engineering, Data Preprocessing

### EDUCATION

Batchelor of Technology, CSE w/s AIML

**SRM Institute of Science and  
Technology**

2023-2027

CGPA : 9.71

Central Board of Secondary Education

**Lotus Valley International  
School**

2009-2023

Technical Head - High School ' 23

### SUMMARY

Second-year B.Tech (CSE) student specializing in AI/ML with a 9.71 CGPA. Proficient in developing scalable solutions using TensorFlow, React.js, and Node.js. Seeking opportunities to leverage problem-solving skills in dynamic environments.

### PROFESSIONAL EXPERIENCE

#### AI Intern – Outlier AI

2024-Present

- Designed and trained AI models, enhancing accuracy by 15% through advanced preprocessing techniques and feature engineering.
- Conducted detailed analysis of AI responses to identify and rectify performance bottlenecks.
- Optimized data pipelines to reduce processing time by 20%, improving overall model efficiency.
- Experimented with multiple machine learning frameworks and algorithms to find optimal solutions for various use cases.
- Documented workflows and processes, ensuring reproducibility and facilitating future development efforts.

#### Virtual Intern – Google AIML

2023-2024

- Improved AI model performance by 10% through data analysis and hyperparameter tuning using TensorFlow and Google Cloud AI.
- Implemented conversational AI systems with Dialogflow, creating scalable and user-friendly interfaces.
- Led a mini-project on model interpretability, applying best practices from workshops and seminars to achieve measurable results.
- Enhanced problem-solving skills by tackling real-world AI challenges in a collaborative environment.
- Produced detailed technical reports to document methodologies and findings, contributing to knowledge sharing.

#### Technical Head – Lotus Valley International School

2023-2024

- Spearheaded a team to design and implement innovative technical solutions, boosting institutional efficiency by 25%.
- Revamped the school's IT infrastructure, introducing automation tools for administrative processes.
- Mentored a team of students in technical problem-solving, fostering a culture of innovation.
- Collaborated with faculty to integrate modern technologies into classroom teaching.

#### FreeCodeCamp Front-End Libraries Certification

2022-2023

- Developed dynamic web applications, mastering front-end libraries like React.js, Redux, and Bootstrap.
- Created responsive interfaces for real-world projects, demonstrating expertise in HTML5, CSS3, and JavaScript.
- Delivered 5+ projects, applying front-end best practices to build interactive and user-friendly solutions.