Contact

www.linkedin.com/in/
shailendrakumarsahu (LinkedIn)

Top Skills

Amazon Web Services (AWS)

Version Control

Cloud platform

Languages

Hindi (Native or Bilingual)

English (Professional Working)

Certifications

All India NCAT

Technical Poster Presentation 1.0

MongoDB Schema Design Patterns
and Antipatterns Skill Badge

Introduction to Generative AI - Art of
the Possible

development using PyGame

Shailendra Kumar Sahu

Software Engineer | Python & C++ Developer | AI/ML & DevOps
Enthusiast | Experience in Generative AI, Docker, Kubernetes, AWS
Hyderabad, Telangana, India

Summary

I'm a final-year B.Tech student specialising in Computer Science
with a focus on Artificial Intelligence and Machine Learning at
IK Gujral Punjab Technical University. From an early interest in
problem-solving to securing a Top 3 rank in the All India NCAT and
achieving 2nd position in the college Leetcode challenge, I've always
been passionate about combining logic, innovation, and real-world
impact.

My work experience spans freelance development and AI training,
where I've had the opportunity to contribute to Generative AI
systems and optimise algorithms for better response accuracy.
During my internship with Outlier AI, I developed automated Python
scripts to analyse performance metrics, directly improving customer
response efficiency by 15%. At CodeClause, I led the development
of two impactful Python-based applications that enhanced system
performance.

As a developer, I've built projects like:

Stock Prediction Analysis App – An end-to-end web app using
Python, Scikit-learn, and Streamlit for Nifty 50 market trends.

DocuMate – A Google Docs-style online editor built with HTML, CSS,
and JavaScript, reducing document revision time by 40%.

I'm skilled in Python, C++, DevOps (Docker, Kubernetes, CI/CD),
cloud services (AWS, GCP), and Machine Learning frameworks like
TensorFlow, Keras, and PyTorch.

Career Goal: I aspire to become a Machine Learning Engineer or
DevOps Specialist, working on scalable, AI-powered systems that
improve lives. I'm eager to contribute to forward-thinking companies

and continuously grow in the fields of cloud computing, MLOps, and AI.

Let's connect and build the future together.

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Experience

GitHub
GitHub Student Developer
March 2025 - Present (4 months)
Khanna, Punjab, India

• Developed interactive courses in web development, data science, and interview preparation for GitHub Student Developer program.
• Implemented hands-on experience with real-world data sets through DataCamp courses.
• Enhanced GitHub features with GitHub Pro, including unlimited private repositories and advanced code review tools.

Outlier
Freelancer - Coder
June 2024 - November 2024 (6 months)
Punjab, India

• Developed high-quality training data for advanced Generative AI models by solving complex coding problems.
• Evaluated AI model performance and contributed to refining algorithms and datasets for enhanced system functionality.
• Applied expertise in programming and problem-solving to enhance AI systems for optimal performance.

CodeClause
Python Developer
February 2023 - March 2023 (2 months)
Punjab, India

• Developed efficient and robust code solutions as a Python developer at CodeClause.
• Collaborated with senior developers to contribute to the development of a Text-Editor in Python.
• Optimized algorithms and enhanced user interface to improve overall functionality.

• Gained hands-on experience in an agile development environment, honing problem-solving abilities.

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Education

Punjab Technical University
Bachelor of Technology - BTech, Computer science with Artificial intelligence & machine learning · (October 2021 - December 2025)

Chhatrapati Shahu Ji Maharaj University
Bachelor of Applied Science - BASc, Applied science · (June 2019 - August 2022)

Saraswati Vidhya Mandir
· (January 2011 - July 2019)