

# Krati Joshi

Bachelor Of Technology  
in Computer Science Engineering (A.I.)  
Dr. A.P.J. Abdul Kalam Technical  
University, India

+91-9760157772  
joshikrati03@gmail.com  
Leetcode  
GitHub LinkedIn

## ABOUT

B.Tech CSE graduate with a passion for full-stack web development and machine learning. Proficient in C++ and JavaScript, with experience in building scalable and responsive web applications.

## EDUCATION

- Dr. A.P.J. Abdul Kalam Technical University, Lucknow** 2020-24  
B.TECH in Computer Science(A.I.) 80.9%
- U.P. BOARD (Class XII)** 76.8%  
B.B.S.S.M I.C. 2020
- U.P. BOARD (Class X)** 87.5%  
B.B.S.S.M I.C. 2018

## COURSEWORK

- Data Structures, Algorithms, Design Analysis Of Algorithm, Object-Oriented Programming, Operating System, Database Management System, Computer Networks, Machine Learning**

## SKILLS

- Experienced:** C++, JavaScript, React, Git, GitLab, Tailwind CSS, Express JS, Node JS,AWS,Socket.IO, Apache Kafka,
- AWS Services:** SQS, SNS, Lambda, CloudWatch, IAM,
- Intermediate:** C, Python, HTML, CSS, SQL,Redis,Mongo Db, Docker,Linux
- Familiar:** ML

## CERTIFICATIONS

- Python Essentials 1 :** Issued by Cisco
- AWS Educate Introduction to Cloud 101 :** Issued by Amazon
- Azure Fundamentals:** Certified by Microsoft

## EXPERIENCE

- BR SOFTSOL | Web Developer Intern**  
Aug 22- Nov 22 Meerut, India  
– Developed responsive and user-friendly websites using HTML, CSS, and JavaScript.  
– Implemented front-end frameworks such as Bootstrap to enhance user interface design.
- SAI COMPUTERS LIMITED**  
July 24- Present Meerut, India  
– Specialized in building responsive, scalable user interfaces using React.js, leveraging hooks, Redux, and component-based architecture for efficiency.  
– Actively participated in Agile methodologies, collaborating with cross-functional teams to deliver high-quality products. Utilized Git for version control, conducted code reviews, and integrated CI/CD pipelines for streamlined development and deployment.

## PROJECTS

- High-Throughput Message Processing System**  
Implemented a scalable message processing pipeline using AWS SQS, SNS, and Lambda, achieving 285,000 messages in under 2 minutes.  
– Optimized Lambda batch processing and concurrency for reduced execution time.
- HRMS**  
This project enables us to create a software that streamlines various HR processes within an organization.  
– Developed REST API using Node.js and Express to allow employees and managers to manage and access important HR-related functions online  
– I created an automated file upload service using Node.js, Socket.IO, Express.js, and MySQL, which automatically uploads files at scheduled times, reducing manual effort by up to 40% and improving overall operational efficiency.