

AMAN SHARMA

SOFTWARE DEVELOPER

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[LinkedIn](#)

SKILLS **C++, Java, Python3, bash, Linux, GITHUB, Designing Algorithms, Data Structures, Mathematics, Deep learning, MYSQL, MongoDB, OpenCV, Micro Frameworks(Python).**

EXPERIENCE	ADCURATIO MEDIA INC.	June 2021 – Currently
	Jr Software Developer	
	<ul style="list-style-type: none">• Boosted the SQL queries and refactor database structure to reduce the database burden by 30%.• Designed an Asynchronous API using micro frameworks (Fast API, Django) and integration with database MySQL, SQL Server, PostgreSQL, and MongoDB.• Reduced query response 2sec to 300 milliseconds by compressing the request data.• Performed closely with Project Manager and Team Leads on change request functions.• Accumulate statistics and prepare reports on the status of the programming process for discussion with management and team members.• Deployed container-related services on the AWS cloud and container-based deployments involving Docker, working with Docker containers, and Docker hub.• Operated near with key application developers to estimate the current and future problem-solving, designing, and optimizing fundamental parallel algorithms and data structures to deliver the best solutions by using CUDA and contributing directly to the apps.• Delivered thought leadership to the team around new approaches, workflows, and technologies.• Detailed knowledge of technology trends, including but not restricted to front end & back end technologies, Rapid Prototyping, conduct Driven Development, Social Networking/Media, Video and Streaming trends.	
	AppCode India Private LTD.	Jan 2021 – April 2021
	Software Intern	
	<ul style="list-style-type: none">• Utilized Django Framework to develop web applications and quickly carry out the development process.• Diminished complexity queries by 20% by Analysis and Design of application architecture.• Reduce project uncertainties and issues by 30% by doing strategic tasks such as planning, execution priorities, monitoring project deadlines using GitHub, and documentation.• Improved text tracing by 40% by optimized functions with OpenCV and utilized GPU processing with implementing (YOLO) algorithm to define higher resolution images.	
	Chegg Private LTD	Aug 2020 – Jan2021
	Freelance Expert	
	<ul style="list-style-type: none">• Contributed to the problem's classification and gave criteria for validating its usability by intensive study.• Debugged and handled common complaints through mathematics and programming concepts.	
	360 Degree Cloud Technologies Private (LTD)	Jan 2020 – Jul 2020
	Software Trainee	
	<ul style="list-style-type: none">• Contributions in research, learning, and technique helped to develop the efficient model.• Decreased the workload 40% by managing the timelines for development goals.• Boost productivity by 20% by resolving bugs through the best practices and optimizing code.	
PROJECTS	AUTMATE	Jan 2019 – Dec 2019
	<ul style="list-style-type: none">• Tweaked deep-learning system and associated algorithms for better natural language processing and delivery.	
EDUCATION	GRADUATION	Aug 2016 – Aug 2020
	<ul style="list-style-type: none">• Bachelor's of Technology (Computer Science and Engineering), at Maharishi Dayanand University• GPA - 3.26, +A	
	Senior Secondary GRADE	May.2014 – May 2015
	<ul style="list-style-type: none">• Applied Science and Humanity, at Guru Nanak Senior secondary School	
AWARDS	<ul style="list-style-type: none">• Achieved 1866 rank in KickStart Round D Google Challenges for the created efficient algorithm.• Earned Certificate in Essential Cloud Infrastructure: Foundation by Google Cloud on Coursera.• Earned Certificate in Google Cloud Platform Fundamentals: Core Infrastructure by Google Cloud on Coursera.• Selected for 2nd place by coded the Smart Dustbin system using the Arduino with teammates at the ACEM college Hackathon contest.• Organized the coding contest, as well as supervised the challenge and managed a crowd of 30 attendees.	