

Amit Kumar Singh

PhD (Pursuing)

Department of Computer Science and Engineering

MNNIT Allahabad, Prayagraj

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CAREER OBJECTIVE

I aim to succeed in an environment of growth and excellence and earn a job that provides job satisfaction and self-development and helps me achieve personal and organizational goals.

PROFILE SUMMARY

- I am currently pursuing **Ph.D.** in CSE from MNNIT Allahabad.
- I worked with CSED and **MNNIT Allahabad** as a Guest Faculty.
- Qualified **UGC NET UGC NET & June – 2022 & December - 2018**.
- M. Tech in CSE from **Madan Mohan Malaviya University of Technology, Gorakhpur**.
- I worked as an operations associate with Adonta Mobility Solution Pvt. Ltd., Mumbai.
- B. Tech in Information Technology from **RGEC Meerut**, affiliated to **AKTU Lucknow**.
- Proficient in finding and resolving malfunctions, using exceptional technical and communication skills.
- Ability to express technical concepts clearly to people with no technical background.
- An effective communicator with excellent interpersonal, logical thinking & analytical Abilities.

WORK EXPERIENCE

Name of the Employer	Position	From	To	Experience
Motilal Nehru National Institute of Technology, Allahabad, Prayagraj	Guest Faculty	01 January 2019	30 July 2021	2 Year 6 Month
Adonta Mobility Solution Pvt. Ltd.	Operation Associate	16 Dec 2013	10 July 2015	1 Year 7 Month

RESEARCH INTEREST

Computer Networks, Software Defined Networks, Data Plane Programmability, P4, Inband Network Telemetry, Edge Computing.

RESEARCH PUBLICATIONS

Book Chapter:

- Amit Kumar Singh & Mayank Pandey, 2025, Book Chapter in "**Biochip Design and Health Informatics using IoT and SDN**", ISBN: **978-1394360765**, by Wiley-IEEE Press.

Journals:

- Amit Kumar Singh and Udai Shanker “**An Approach for Replica Creation & Replica Placement using MCDM**” Volume 6, Issue V, International Journal for Research in Applied Science and Engineering Technology (IJRASET)Page No. 1285-1291, ISSN:2321-9653, www.ijraset.com.
- Amit Kumar Singh “**Demonetization: A Step towards Cashless Economy**” Volume 6, Issue I, International Journal for Research in Applied Science and Engineering Technology (IJRASET) Page No. 750-753, ISSN:2321-9653, www.ijraset.com.
- Amit Kumar Singh and Udai Shanker. “Database Replication Techniques: A Review.” International Journal of Research Review in Engineering Science and Technology. Volume-5, Issue-4, December-2016. www.ijrrest.org.

Conference Proceedings:

- Amit Kumar Singh and Mayank Pandey “**AI-INT: An AI-Driven Telemetry Framework for Programmable Networks**” at International Conference on Distributed Computing and Intelligent Technology, January 2026 at KIIT Bhubaneswar, Odisha India.
- Amit Kumar Singh and Namrata Singh, “A study of green Cloud Computing” at the National Conference on Role of Green Technology in Indian Environment, February 2016 at MMMUT Gorakhpur.
- Amit Kumar Singh and Priyanka Chaudhary, “**Impact of Green Computing in IT Industry to Make Eco-Friendly Environment**” in National Conference on Role of Green Technology in Indian Environment, February 2016 at MMMUT Gorakhpur.

ACHIEVEMENTS:

- Reviewer of the 5th OPJU International Technology Conference 2026.
- Reviewer of 2nd International Conference on Computational Intelligence and Network Security 2025 at NIT Raipur, India.
- Reviewer of the 4th OPJU International Technology Conference 2025.
- Recognition certificate as Sanchar Mitra for the Department of Telecommunications, India.

STC & WORKSHOP ATTENDED

- Attended a One-Week online FDP on “**Smart System and Intelligent Media: AI Across Software, Image and Text Domains**” organized by Electronics and ICT Academy, IIT Roorkee, in association with School of Engineering, JNU, New Delhi, from July 14-18,2025.
- Attended a One-Week Faculty Updation Program on “**Information Security and Privacy in Digital World**”, organized by the Department of Computer Science & Engineering, MNNIT, Allahabad, Prayagraj from February 19-23,2025.
- Attended a One-Week online FDP on “**Programmable Cities**” organized by AICTE Training and Learning (ATAL) Academy at Indian Institute of Information Technology, Dharwad, from December 9-14,2024.

- Attended a One-Week online FDP on “**Cloud Computing and Its Applications: Opportunities and Challenges**” organized by Dr B. R. Ambedkar National Institute of Technology, Jalandhar, from December 16-20, 2022.
- Attended a One-Week online Workshop on “**Design and Code Generation Using MATLAB**” at MNNIT Allahabad, Prayagraj, organized by the Department of Computer Science & Engineering, from October 25-29, 2021.
- Attended a One-Week online Workshop on “**Technologies Behind Smart City: An IoT Perspective (IoSCT-2021)**” at MNNIT Allahabad, Prayagraj, organized by the Department of Computer Science & Engineering, from March 20-24, 2021.
- Attended a Two-Week online FDP on “**COVID-19 -19 New Age Teaching Pedagogy: Innovative Tools, Techniques and Research Methods for Efficient Business Management Teaching in Digital Era**” organized by Atal Bihari Vajpayee School of Management and Entrepreneurship, Jawaharlal Nehru University, New Delhi, from July 20 -31, 2020.
- Attended a Six-Day online STC on “**Safety Aware Peaceful Life in COVID-19 (SAPLC-2020): A Computer Science Perspective**” at MNNIT Allahabad, Prayagraj, organized by the Department of Computer Science & Engineering, from July 28 to August 02, 2020.
- Attended a five-day online workshop on “**Information Security and Privacy (ISP2020)**” at MNNIT Allahabad, Prayagraj, organized by the Department of Computer Science & Engineering, sponsored by ISEA-II, from May 26-30, 2020.
- Attended a five-Day workshop on “**IOT & Wireless Sensor Network**” at MMMUT Gorakhpur Organized by Advance Tech India Pvt. Ltd. Chandigarh form March 23-27, 2017.
- Attended a five-Day workshop on “**Image Processing using MATLAB**” at MMMUT Gorakhpur Organized by Advance Tech India Pvt. Ltd. Chandigarh form March 02-06, 2017.
- Attended a seven-day STC on “**Advances in Computing Technologies**” at MMMUT Gorakhpur, organized by the Department of CSE, MMMUT, Gorakhpur, from February 23 to March 01.
- Attended a five-day workshop on “**Advanced Embedded System**” at MMMUT Gorakhpur, organized by Advance Tech India Pvt. Ltd., Chandigarh, from Dec 13-17, 2016.
- Attended a two-day International Workshop on “**Cloud Computing**” on December 22-23, 2016, at JNU, New Delhi.
- Attended a three-day workshop on “**Latex**” at Madan Mohan Malaviya University of Technology, Gorakhpur, from December 12- 14, 2016.
- Attended a seven-day workshop on “**Advances in Computational Technologies**” from July 03-09, 2016, at Madan Mohan Malaviya University of Technology, Gorakhpur, organized by the Department of CSE, MMMUT, Gorakhpur.
- I participated in the “**IT OLYMPIAD 2016**” student category organized by the Rotary Club of Pune Pride.
- Attended “**C # Annual Conference -2014**” in Delhi. (April 12, 2014).

CERTIFICATION

- Certification in Software Defined Networking is an online course the University of Chicago authorizes and offers through Coursera. ([Link](#))
- Certification in Software-Defined Networking Made Simple is an online course from Udemy.
- Certification in the Introduction to IOT course by Cisco Networking Academy.

- Certification in Introduction to Packet Tracer Course by Cisco Networking Academy.
- Certification in the Get Connected Course by Cisco Networking Academy.
- Certification in The Bits and Bytes of Computer Networking is an online non-credit course authorized by Google and offered through Coursera. ([Link](#))
- Certification in Technical Support Fundamentals is an online course authorized by Google and offered through Coursera. ([Link](#))
- Certification in Cyber Crime Protection Program by Asian School of Cyber Laws.
- Certification in an Online introductory course in Data Privacy Law by the Asian School of Cyber Laws.
- Certification in E-commerce by Cambridge International University.
- Certification in Hardware Associate by Cambridge Intercontinental University.
- Certification in WAN Associate by Cambridge InterContinental University.
- Certification in Internet Associate by Cambridge International University.
- Completed a 3-month course on C# .NET from Sunrise Computer Institute, Meerut.
- Completed a 2-month course on ASP .NET from Sunrise Computer Institute, Meerut.

MEMBERSHIP

- Member of the Advanced Computing and Communication Society.
- Member of the International Association of Engineers.
- Student Member of the Institute of Research Engineers & Doctors.
- Member of the Society of Digital Information & Wireless Communication.

STRENGTHS

- Ability to work in a team with diverse backgrounds.
- I am willing to learn and adapt to new opportunities and challenges.
- Easily adjustable in any pristine environment.
- Effective communication skills.

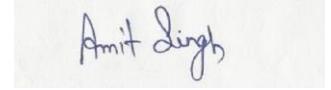
VOLUNTEER EXPERIENCE

- Mentoring Students at “**Edugram Career Mentor Trust**” (July 2015 to Present....)
- Guiding students from rural areas in their Studies.

- After analyzing through various tests, we help students choose the right career that suits their interests.

PERSONAL DETAILS

Name : Amit Kumar Singh
Father's Name : Late. Ramjee Singh
Sex : Male
Nationality : Indian
Permanent Address : Vill+Post- Naikachhapra, Kushinagar – 274206 (U.P)
Mobile No : + 91-9559986811
Date of Birth : 20-JAN-1991
Passport No. : X5582598



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