

Akshat Kumar

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EXPERIENCE

ACCENTURE PVT. LTD. | DATA ENGINEERING ANALYST

Oct 2021 – Nov 2024 | New Delhi, India

- Collaborated with cross-functional agile teams to design and implement production-quality software with automated unit and integration tests.
- Ensured data quality and governance compliance in Hadoop-based systems, optimizing enterprise data integrity.
- Delivered high-performance solutions through scripting automation in Unix/Linux environments.

NEXGEN INNOVATORS | WEB DEVELOPER (CONTRACT)

Jul 2021 – Sep 2021 | Remote

- Co-created a Laravel-based CMS with RESTful APIs, simplifying content creation and management.
- Developed and maintained scalable web solutions, ensuring performance on cloud infrastructure.

IEEE GBPEC SOCIETY | CHAIRPERSON

Aug 2020 – Aug 2021 | New Delhi, India

- Led technical events, workshops, and mentorship programs to promote innovation.
- Boosted IEEE participation through outreach, increasing member engagement by 30%.

TEDXGBPEC | CO-ORGANIZER

Sep 2019 – Aug 2021 | New Delhi, India

- Coordinated event logistics and speaker sessions for TEDxGBPEC, hosting 500+ participants.
- Collaborated with diverse teams to promote thought leadership through TEDx events.

PROJECTS

NEXFINCO | CREDIT MANAGEMENT PLATFORM

- Built a scalable platform to streamline credit scoring and management with a non-regularized architecture.
- Developed Python-based real-time payment processing with API integrations.
- Designed a polyglot data model for handling diverse datasets efficiently.

NOTPCH | NOSQL SCHEMA-FREE DESIGN

- Created and benchmarked multiple NoSQL schema designs on CPU vs GPU to evaluate performance impact.

PUBLICATIONS

INTERNATIONAL CONFERENCE ON COMPUTATIONAL INTELLIGENCE AND COMPUTING APPLICATIONS | 2021

- Multi-Lingual Code-Mixed Machine Translation System** — Co-authored and published.

EDUCATION

NIT DELHI

M.TECH, CSE (ANALYTICS)

Aug 2024 – Jun 2026 | GPA: 8.8/10

GGSIPU, DELHI

B.TECH, CSE

Aug 2017 – Jun 2021 | GPA: 8.05/10

SKILLS

LANGUAGES

Python • PHP • C/C++ • JavaScript • SQL • Shell

FRAMEWORKS

CodeIgniter • Node.js • LAMP

TOOLS & PLATFORMS

Kubernetes • Docker • Git • GCP • Hadoop • Spark • Web • Linux/Unix • Arduino

DATABASES

PostgreSQL • MySQL • SQLite

CONCEPTS

OOP • Networking • Distributed Systems • AI/ML • REST APIs • Business Logic

SOFT SKILLS

Leadership • Public Speaking • Event Planning • Documentation • Problem Solving

CERTIFICATIONS

CLOUD/AI

GCP ML Engineer • GCP Cloud Architect • AWS Cloud Practitioner • Cloud Digital Leader

OTHERS

Microsoft Azure Fundamentals • Ethical Hacking (DTU) • Android & Web Development Training

AWARDS & EXAMS

GATE 2025: Score 560 • GATE 2024: Score 515

HackwithInfy Qualifier • SMC Cup Winner

VOLUNTEER

IEEE DSC 2019 • IRSC Road Safety • Tech Events (Inceptum, Mock Placement)