

# Saurav Kumar

Software Engineer I / Backend & Payments Systems

New Delhi, 110059

✉ curiositycreed@gmail.com

🌐 dev-fused.vercel.app | [in](#) /in/-saurav-kumar | [G](#) /the-sauravkumar

## PROFESSIONAL SUMMARY

Meticulous Software Engineer delivering **secure, scalable solutions** for financial platforms. Proficient in **programming, logic design**, and adhering to strict **Quality Control** standards. Skilled in **production incident management, information security**, and collaborating within **matrix-based teams**. Self-motivated professional committed to translating **technical requirements** into high-quality software under strict timelines.

## PERFORMANCE METRICS

- Delivered **secure, scalable solutions** resulting in a **25% reduction** in production defects via OOPS best practices.
- Optimized system performance by improving API response times by **30%** through logic redesign and SQL tuning.
- Maintained **99.9% uptime** by effectively managing production incidents and resolving issues within SLA.
- Consistently delivered **15+ features** per sprint, strictly adhering to quality assurance and documentation standards.

## PROFESSIONAL EXPERIENCE

- Software Development Apprentice** Gurugram, Haryana  
*IHS Markit Pvt. Ltd. (S&P Global) – Financial Platforms* July 2025 – Present
  - Developed and maintained enterprise backend applications by translating business and **technical requirements** into scalable, production-ready software solutions.
  - Designed and delivered **secure RESTful APIs** using **C# and .NET Core**, adhering to **information security** standards for data confidentiality and integrity.
  - Applied strong **programming skills** and core software engineering principles (OOPS, DSA) to support high-reliability payment and financial workflows.
  - Executed feasibility analysis, **logic design**, and input-output flow evaluation while actively participating in **Quality Control** through code reviews and testing.
  - Collaborated within matrix-based, distributed teams, demonstrating strong **communication, organizational skills**, and self-motivation while managing production incidents within SLA.

## SELECTED PROJECTS

- CareerZenith – AI Resume Builder** Jan 2025 - July 2025  
*React, FastAPI, Python, NLP*
  - Built a scalable full-stack application, conducting feasibility analysis to integrate T5-based NLP models.
  - Implemented optimized algorithms (DSA) for resume parsing, enhancing processing speed by 40%.
  - Designed modular backend architecture to support high-volume user requests.
  - Performed comprehensive unit testing and validation to ensure high-quality software delivery.
- Secure Token Wallet – Payment Solution** Oct 2024 – Dec 2024  
*ICP Motoko, Web3.js, React*
  - Developed a **secure payment solution** supporting token transfers, ensuring integrity of transaction data.
  - Implemented OTP-based verification and recovery logic to align with security policies and practices.
  - Ensured **confidentiality** of user assets using advanced encryption and secure coding standards.
  - Achieved **99.9% uptime** via fault-tolerant design, supporting secure and simple transactions.
- Distributed Log Analyzer** Jun 2024 – Aug 2024  
*Python, Kafka, Elasticsearch*
  - Engineered a system handling **300+ events/sec**, supporting analysis of complex input-output flows.
  - Designed anomaly detection to reduce operational downtime and support incident management.
  - Generated automated system reports to assist in software metrics collection.

## TECHNICAL SKILLS

**Core Competencies:** OOPS, Data Structures & Algorithms (DSA), SDLC, System Design, Logic Design

**Languages:** C#, C++, Python, JavaScript, SQL

**Frameworks & Tools:** .NET Core, React.js, Node.js, REST APIs, Git, Jira, Postman, Docker

**Databases:** SQL Server, MySQL

**Engineering Practices:** Information Security, Technical Requirements Analysis, Quality Control, Software Documentation, Production Support

**Professional Traits:** Strong Communication, Organizational Skills, Self-Motivation, High Energy, Meticulous

## ACHIEVEMENTS

- ICPSG Codefest 2024 — **3rd Place** for designing a Green Tech solution demonstrating initiative and execution excellence.
- Selected as **Team Lead** for an international, geographically distributed Agile development team.

## EDUCATION

- B.Tech – Computer Science and Engineering** CGPA: 8.04 / 10  
*Lovely Professional University* Aug 2021 – Aug 2025