

Adarsh Kumar

Software Engineer

github.com/adarsh0707-kumar | candidates.intervues.club/u/adarsh-kumar

SUMMARY

Software Engineer with hands-on experience in software development, system programming, and data analysis. Demonstrated expertise in C, C++, Python, and full-stack web development technologies. Proven background in implementing concurrent architectures, low-level IPC mechanisms, and automated business logic.

EXPERIENCE

Software Development Intern

Satyam Software Solution

Jan 2026 – Apr 2026

- Developed the FlexCom module within the DS24 project, implementing a multi-process and multi-threaded architecture for high-performance concurrent communication.
- Implemented Inter-Process Communication (IPC) mechanisms including Message Queues, Shared Memory, Pipes, and Sockets with synchronization.
- Engineered low-level system programming components in C/C++.
- Integrated the Drools rule engine to automate complex business logic.

Software Trainee

S-CUBE, Satyam Software Solutions Private Limited

Jan 2026 – Mar 2026

- Applied computer science and software engineering principles to real-world software development scenarios.

EDUCATION

ITS Engineering College, Greater Noida · Bachelor of Computer Science and Engineering · 2022 – 2026

Gopal Shah High School Motihari, India · 12th · 2022

Arya Vidhyapith Laxmipur Shanker Sharayi East Champaran Motihari, India · 10th · 2020

SKILLS

Languages and Frameworks: C, C++, CSS, HTML, Java, JavaScript, Python, SQL, TypeScript, Bootstrap, ExpressJS, GTK, GTK+, Hooks, MERN, NextJs, NodeJS, React.js, ReactJS, TailwindCSS

Databases: MongoDB, PostgreSQL

Tools: Docker, Drools, Excel, Git, GitHub, IPC, Jupyter Notebook, Linux, Microsoft Excel, Multithreading, Postman, Power BI, Prisma, Process Management, Tableau, VS Code

PROJECTS

Welth

Developer platform case study for building modern web applications. Architected case study application designed for modern web developer workflows.

Additional projects: MediBil Pro | Medical Billing & Pharmacy Management System, Students Performance Dashboard, Electric Vehicle & Titanic Dashboards

AWARDS

AI and ML training program, Data Science & Machine Learning Training Programme by RCPL, Software Development Internship Certification, Data Science with Python Certification, SkillCourse Certifications, ReactJS for Beginners, C Programming Basics