KUMAR RITESH RAUSHAN

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EDUCATION

VIT Bhopal University   Bhopal, Madhya Pradesh, India
Bachelor of Technology; CGPA: 8.60   **2023 - 2027**
RPS School (CBSE Affiliated)   Bihar Sharif, Bihar, India
Senior Secondary (Class 12th); Percentage: 77.8%   **2020 - 2022**
RPS School (CBSE Affiliated)   Bihar Sharif, Bihar, India
Secondary (Class 10th); Percentage: 93.2%   **2015 - 2020**

SKILLS SUMMARY

- **Languages**:   C++, Python, JavaScript, SQL
- **Frameworks**:   React.js, Express.js, FastAPI, Pandas, NumPy, Scikit-learn, Matplotlib, Tailwind CSS
- **Databases**:   MongoDB, PostgreSQL, MySQL, SQLAlchemy, Mongoose
- **Tools**:   Git & GitHub, Postman, Docker, VS Code, Linux (Shell)
- **Soft Skills**:   Problem Solving, Team Collaboration, Communication, Time Management, Adaptability

WORK EXPERIENCE

FULL STACK DEVELOPER INTERN | amasQIS.ai | LINK   **May 2025 - Present**
  - Building and maintaining scalable RESTful APIs using **FastAPI** for production-level backend services.
  - Designed and integrated secure user authentication and admin-only registration logic with **PostgreSQL** and **SQLAlchemy**.
  - Developed robust data models for financial transactions and user management, ensuring data integrity and performance.
  - Wrote and tested API endpoints using **Postman** and followed modular design practices for maintainability.
  - Collaborating with the team through **Git**, **Docker**, and Agile development processes.

PROJECTS

ShrinkVerse | URL Shortener | LINK
  - Developed a URL shortener web application using Next.js, MongoDB, and Tailwind CSS.
  - Implemented user authentication with NextAuth and URL expiration.
  - Integrated database checks for custom code availability and error handling for duplicates.

Elissa | Utility Discord Bot
  - Developed a simple utility bot using discord.py integrating Discord and Minecraft Server using DiscordSRV Plugin.
  - Enabled seamless Discord-based execution of Minecraft commands like /balance, using the Pterodactyl Panel API to fetch and display real-time console data.
  - Added custom moderation commands to streamline server management and improve community control from Discord.

Tawjihi AI – Full-Stack Developer Intern, amasQIS.ai
  - Designing and scaling the FastAPI-based backend and PostgreSQL schema for an AI platform that recommends tailored banking products (home loans, business loans, credit cards) to customers in real time.
  - Exposing asynchronous REST endpoints that serve the in-house ML model's predictions; current P95 latency < 200 ms.
  - Status: project in active development.

CERTIFICATES

Networking Basics (Cisco) | CERTIFICATE   **December 2024**
  - Learned core networking concepts including IP addressing (IPv4/IPv6), Ethernet communication, and routing.
  - Gained hands-on experience with network troubleshooting tools and secure wireless configuration.

Cloud Computing (NPTEL) | CERTIFICATE   **Jan 2025 - April 2025**
  - Completed a 12-week course covering cloud architecture, virtualization, IaaS, PaaS, SaaS, and deployment models.
  - Scored **77%** overall with full marks in assignments **(25/25)** and good understanding of distributed systems and cloud services.

ACHIEVEMENTS

- Achieved "Pupil" rank (1200 + rating) on Codeforces, validating strong algorithmic-problem-solving skills.
- Secured a top-10 finish in the HackCrux Hackathon hosted by GDGC LNMIIT Jaipur, where I co-developed a personal AI assistant.
- Solved 300 + coding challenges across Codeforces, LeetCode, GeeksforGeeks, and other platforms, deepening expertise in data structures and algorithms.
- Advanced to Round 2 of the Odoo Hackathon 2025, selected from a competitive pool of entrants.