ARJUN SINGH

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PROFESSIONAL SUMMARY

Computer Science undergraduate specializing in AI/ML and data science with hands-on experience in Python, C++, SQL, and full-stack development. Proficient in data analysis, exploratory data analysis (EDA), machine learning fundamentals, statistical analysis, and Generative AI through academic projects and internship experience. Demonstrated ability to build scalable applications, design secure APIs, and deliver data-driven solutions using modern frameworks and cloud technologies. Actively seeking Software Development Engineer (SDE), Full Stack Developer, or AI Engineer roles.

TECHNICAL SKILLS

Programming & Data: Python, C, C++, JavaScript, SQL
- **Data & AI**: Data Analysis, EDA, NumPy, Pandas, Machine Learning fundamentals, Feature Engineering, Model Evaluation, Prompt Engineering
- **Web & Backend:** React.js, Node.js, Express.js, REST APIs, JWT(Json Web Token) Authentication
- **Databases:** MongoDB, MySQL
- **Cloud & Tools:** Git, GitHub, Google Cloud, Jupyter Notebook
- **Core CS Subjects:** Object-Oriented Programming, Operating Systems, DBMS, Computer Networks
- **Soft Skills :** Problem-Solving, Team Management, Quick Learner

WORK EXPERIENCE

Full Stack Developer Intern | INNOVATE
MAY 2025 - JULY 2025

- Developed secure and scalable backend services supporting 100+ concurrent users.
- Implemented authentication, authorization, and AES‑256 encrypted data handling for production systems.
- Designed and optimized 12+ RESTful API endpoints, achieving 99.5% uptime and reducing response time by 35%.
- Collaborated with a frontend developer to integrate APIs with responsive React.js interfaces, completing delivery 1 week ahead of schedule.

KEY PROJECTS

HealthXCure - AI‑Powered Smart Healthcare System | Link
VIEW APP

- Built a full-stack healthcare platform capable of processing over 1,000 health-related queries.
- Implemented an AI-based symptom checker and Generative AI chat assistant with response times under two seconds.
- Designed BMI-based diet and fitness planners delivering personalized recommendations to more than 100 users.
- Performed data preprocessing and basic model evaluation to improve recommendation accuracy.

QRCodeAttend - Proxy-F ree Attendance App | Link
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CERTIFICATES

- **Coursera – Artificial Intelligence |** https://coursera.org/verify/I7EA8NA2ZRSM
- **Coursera – Introduction to web Development :**