ARJIT GUPTA

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PROFESSIONAL SUMMARY

Over 3+ years of experience in designing and building efficient software using various backend technologies, with experience with agile and working in big team projects. I am currently pursuing MCIS at Colorado State University and seeking internship opportunities in software development for summer 2023.

EDUCATION

COLORADO STATE UNIVERSITY [Masters in Computer Information Systems]   **[Expected Dec 2023]**
Fort Collins, CO | GPA: 4

Courses: Application Software Infrastructure, Business Application Development, Applied Data Mining, IT Project Management, Object Oriented Systems, Software Development Methodology, Business Intelligence

MNNIT ALLAHABAD [Bachelor of Technology, Computer Science and Engineering]   **[2015—2019]**
Prayagraj, India | GPA: 3.5

Courses: Data Structures, Analysis of Algorithms, Database Management Systems, Automata Theory, Computer Networks, Graph Theory, Computer Organization, Operating Systems, Cryptography, Object Oriented Modelling, Distributed Systems, Pattern Recognition.

Project: Built a Chest X-Ray disease prediction system that predicted lung cancer probability from X-ray scans using machine learning tools from TensorFlow library in Python.

KEY SKILLS

Languages: Python, C++, C#, MySQL, JavaScript, Jinja, HTML, CSS, Kubernetes, Microservices, Federation, MQTT
Tools: Git, Postman, JIRA, Visual Studio, Knime, Zabbix, Kibana, Docker, AWS, .NET, Frappe, ERPNext, Metabase

EXPERIENCE

[Graduate Assistant] COLORADO STATE UNIVERSITY, [Fort Collins, CO]   **[Jan 2023-Present]**
- Assist faculty with academic research and analytics.

[Senior Software Engineer] ELASTICRUN, [Pune, India]   **[Jun 2019 – Sep 2022]**
- **Put-to-Light System [Python, MQTT, SQL, JavaScript]**:
  - Designed and implemented an in-house PTL system using Modbus hardware which minimized human picking errors. Saved INR 0.5 million in costs.
- **CFC Project [Python, SQL, JavaScript]:**
  - Lead end-to-end software module design for online fulfillment centers with a team of 3. Increased revenue margins in the last-mile delivery operations by merging vehicle loads and cutting logistics costs by 10%.
- **Brand EDI Project [Python, SQL, AWS, Metabase]:**
  - Created a SQL based system using AWS to create pipelines for EDI with brands. Created dashboards and reports using Metabase used by key stakeholders.
- **NFR [Python, SQL, ELK, RocksDB]**:
  - Improved overall database performance by 30X using ELK. Published a research article on medium
  - Optimized locking scenarios on main transaction tables by tuning the traditional implementation of nested set tree structure used in frappe framework.
- **Inventory Reconciliation System [Python, SQL, JavaScript]:**
  - Designed a reconciliation module in ERPNext and reduced time spent in manual activity by 3+ hrs per day.
- **Scorecard [Python, SQL, JavaScript, Microservices]**:
  - Built a scoring application using APIs in a microservice architecture, which is used by over 10K+ users for ranking and internal incentives.
- **IRN Project [Python, JavaScript, Jinja]**:
  - Implemented an E-invoicing system which simplified manual taxation activity while processing over 50K+ invoices a day in real-time financial transactions.