

Ritik Chawla

SOFTWARE ENGINEER

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Experience

MAQ Software

Noida, UP, India

SOFTWARE ENGINEER

July 2022 - PRESENT

- Worked with clients to Develop, Document and Deploy Solutions for a Data Ingestion and Business Intelligence Project.
- Managed, Refined data transformation and storage solutions, resulting in improved data accuracy and completeness.
- Wrote Deployment Pipelines for Github and Azure DevOps to deploy Azure Synapse, Databricks and Azure Resources.
- Worked with SOAP and REST APIs for Netsuite, OpenAir and Salesforce.
- Leveraged DevOps processes to reduce errors and deploy solutions faster.

QIndia

Remote

TECH TEAM VOLUNTEER

May 2021 - July 2022

- Worked on an automated diploma generation and dissemination project.
- Coordinated with multiple teams to understand the requirements and identify areas of improvement.

Cognizant

New Delhi, India

PROGRAMMER ANALYST TRAINEE

Feb 2022 - June 2022

- Developed and maintained Data Ingestion Stored Procedures, implemented pipeline monitoring logging for health and performance checks.

Education

Guru Gobind Singh Indraprastha University

New Delhi, India

BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE, GPA: 9.16/10

Aug 2018 - July 2022

Demonstrated excellence in hackathons, projects, and presentations.

Bhartiya Vidya Bhavan, Mehta Vidyalaya (CBSE)

New Delhi, India

HIGHER SECONDARY EDUCATION (CLASS 12TH) PERCENTAGE: 92.8%

May 2018

Won various competitions and Model United Nations (MUNs).

Projects

Online Code Execution Engine

- Developed a secure and interoperable browser-based Code Execution engine using Web Assembly, TypeScript, Redux, and React.
- Incorporated esbuild for efficient bundling, sandboxing, and iframes to enable seamless code sharing and enhance security.
- Supports Python and Javascript, Instant Results of code are visible through a code watcher.

Human Protein Analysis

- A multi-label human protein classifier on the image-net dataset capable of predicting Human Protein Image Labels.
- Implemented regularization, data augmentation (rotations, flips, translations), and normalization methods for improved performance.

Certifications

- **AWS Fundamentals @ Amazon:** AWS Services, Security Concepts, Serverless Applications Deployment
- **Google Project Management @ Google:** Strategic Planning, Project Execution, Agile Methodologies, Scrum
- **Meta Front-End Developer Certificate @ Meta:** Javascript, React.js, Wireframes
- **Tensorflow Developer @ DeepLearning.AI:** Neural Networks, CNNs, GANs, RNNs, Sequence Time Series and Prediction

Skills

Languages: Python, JavaScript, SQL, C++, Golang, Matlab, Bash

Frameworks: Django REST, Flask, React.js, Tensorflow, Azure DevOps, AWS, Docker, Kubernetes, GraphQL

Project Management: Agile, Scrum, Jira, Asana, Risk Mitigation, Budgeting, Six Sigma