

# Chirag Goel

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## EDUCATION

<b>Maharaja Agrasen Institute of technology</b> <i>Pursuing Bachelor of Technology (B.Tech) in Computer Science with 9.3 cgpa</i>	Delhi, India 2020 – 2024
<b>Indian Institute of Technology, Madras</b> <i>Pursuing Bachelor of Science - BSc in Data Science and Programming with 8.65</i>	Delhi, India 2021 – 2023
<b>Vikas Bharati Public School</b> <i>Secured an aggregate of 95 percentage</i>	Delhi, India 2018 – 2020

## EXPERIENCE

<b>Software Engineering</b> <i>NatWest Group</i>	July 2024 – Present Delhi, India
<ul style="list-style-type: none"><li>Developed an AI/ML solution for reconciliation, achieving 98%+ accuracy with rule-based learning.</li><li>Designed a cost-saving real-time inference system on AWS SageMaker, eliminating batch processing.</li><li>Optimized data handling patterns to enhance efficiency in processing large datasets.</li></ul>	
<b>Software Engineering Intern</b> <i>Atlassian</i>	May 2023 – June 2023 Bangalore, India
<ul style="list-style-type: none"><li>Implemented design tokens and introduced ESLint rules to enhance code quality and consistency.</li><li>Contributed to some customer quick wins and made some UI screens.</li><li>Removed stale feature flags and implemented Cypress testing for some components.</li></ul>	
<b>Web Development Intern</b> <i>Cariktur</i>	Dec 2021 – Feb 2022 Delhi, India
<ul style="list-style-type: none"><li>Created design using figma and frontend of the website from HTML,Css,Js.</li><li>Worked with Jitsi API to create video conferencing app.</li></ul>	

## PROJECTS

<b>Kanban App</b>   <i>Flask, SQLite, Jinja, Vuejs</i>	2022
<ul style="list-style-type: none"><li>Implemented Kanban with multiple lists and cards, capturing creation, update, and completion timestamps. Generated insightful graphs for progress analysis over time.</li><li>Integrated SQLite, Redis for caching, and Celery for batch jobs. Ensured smooth background processing for optimal system responsiveness.</li></ul>	
<b>Interoperability PHR App</b>   <i>Reactjs, Solana, Nodejs, Postgres</i>	2023
<ul style="list-style-type: none"><li>Engineered efficient search and retrieval of medical documents, secure sharing capabilities (images, PDFs), and the ability to digitize PHR documents. Utilized Pinata IPFS for decentralized file storage and seamlessly integrated with the Health Stack.</li><li>Integrated Abha ID and Aadhar for robust identity management, ensuring secure access.</li></ul>	

## SKILLS

- \* Programming Languages: C++, Python, Java
- \* Cloud Platform: AWS (SageMaker, CodeBuild, CodePipeline, CloudWatch)
- \* Frameworks and Libraries: MERN stack, Flask, Jinja2, FastAPI, Next.js, Vue.js
- \* Databases: MySQL, PostgreSQL, MongoDB, SQLite
- \* Version Control and Command Line: Git, GitHub, Basic Linux Commands

## ACHIEVEMENTS

- \* Cleared AWS Cloud Practitioner exam.
- \* 5 star at [Code chef](#) with highest rating of 2075 and Specialist on [Codeforces](#).
- \* Got rank 4 in Kaggle competition and Overall rank 2 on CodeChef in competition organized by IIT Madras.
- \* My team made to top 5 teams in the hackathon organised by Github and Incubate IND.
- \* Got a rank of 1481 out of more than 18k people appearing in Google kick start.