# CHANDAN AHIRE

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## EXPERIENCE

**Dream 11**                                                                                        *Mumbai, India*

*Software Development Engineer*                                                        December 2024 – Present

- Designed and implemented **Ads ecosystem components** including Ad Server, SSP, DSP, processing **ad requests at 10M+ RPM**.
- Built a high-scale **Ad Frequency Capping system (Kafka + Flink + DynamoDB)** enforcing campaign- and user-level caps, and collaborated with analytics to deliver performance dashboards improving **CTR by 12%**.
- Re-Architected and executed cost optimizations for Spotlight (Banner Service), reducing infrastructure costs by **60%** (around **$2,500/month**) through architectural redesign and instance type tuning.
- Owned and scaled the Spotlight Banner Service (including GraphQL layer), expanding configurability with 15+ new banner types and advanced targeting features, serving **10M+ daily impressions**. Also led load testing efforts for **IPL 2025**, benchmarking system performance at **21M RPM**.
- Contributed to the development of a high-scale Server Driven UI (SDUI) service, creating two key features, Change Logs and Live Streaming template support, enabling real-time content delivery for **3M+ daily active users**.
- Served as on-call owner for above services, performing root cause analysis, driving incident resolution, and deploying long-term fixes to improve system resilience and reduce repeat failures. (Stack : **Java (Vert.x), Aerospike**)

**Juniper Networks**                                                                              *Bengaluru, India*

*Software Engineer 2*                                                                     June 2024 – December 2024
*Software Engineer 1*                                                                          June 2023 – June 2024
*Software Engineer Intern*                                                                 January 2023 – June 2023

- Developed and managed a comprehensive image management feature, optimizing upload time **(10 → <1 min)** through streaming and chunk-based parallel processing **(Java, Go, Django, Kubernetes, gRPC, Kafka)**.
- Engineered a new URL classification engine and migrated all legacy URLs, building Python + Django automation to streamline workflows and reduce manual effort by **25%**.
- Built ICAP Redirect and SSL Initiation features supporting **10K+ firewall devices** on Security Director Cloud.
- Leveraged Istio for service mesh scalability and introduced support for new firewall devices.

## SKILLS

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|---|---|
| **Technical Skills** | C, C++, Java, SQL, python, Go, JavaScript, React JS, Node.js, XSLT, Kafka, gRPC, Docker, Kubernetes, Django, Git, Linux, Shell Scripting, AWS |
| **IT Constructs** | Data Structures and Algorithms, Operating Systems, Object Oriented Programming, DBMS |

## EDUCATION

**Bachelor of Technology**, IIIT Allahabad                                          June 2019 – June 2023
Electronics and Communication Engineering                                                    CGPA: 8/10

## PROJECTS

**2 X 2 RUBIK'S CUBE SOLVER.** A C++ 2-way BFS Algorithm based project to find the most straightforward and smallest path of moves from unsolved cube to solved state of the cube with Arduino code. Achieves solution in **less than 2 seconds** for any cube state. Languages and Technology: C++ Algorithm.

## ACHIEVEMENTS

- Expert on Codeforces with max rating **1654**. Secured **Rank 161** in Codeforces Round 984. Solved **1000+** coding questions on different platforms including Pepcoding, InterviewBit and GeeksofGeeks.
- Runner up in BUILD-N-HACK'20, an yearly Hackathon organised by Tesla' IIIT Allahabad.