



**Aviral Yadav**  
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## EDUCATION

- **University of Delhi, Delhi** 2022  
*Bachelor of Science in Statistics, Minor in Mathematics* CGPA: 8.71/10
- **City Montessori School, Lucknow** 2018  
*ISC (PCM, CS)* Percentage: 96.5%
- **City Montessori School, Lucknow** 2016  
*ICSE* Percentage: 96%

## EXPERIENCE

- **Logo Executive** Nov 2023 - Ongoing  
*Open Source Project* Remote
  - Design and develop API (contact-us, update-password, generate-key) and Automate image processing workflow
  - API PR included 90% unit test coverage, data validation and reusing existing services and established practises
  - Emphasized over code's modularity, test-friendliness, efficiency, documentation and helpful error handling.
  - Tools: Node.JS, Firebase, AWS, Github Actions, Github, Jest, Joi

## PERSONAL PROJECTS

- **MachArrow Airlines** Oct 2023  
*Backend of flight booking service with centralised CRUD, secured by JWT.* Github
  - Implemented transactions for seat booking/cancelling for data integrity
  - Automated data validation, standardized response object formatting
  - Configured Winston logger and Defined custom error class for robust error handling.
  - Tools & technologies used: *NodeJS, MySQL, Sequelize, JWT, Winston, CORS*
- **Vacation Shield** Oct 2023  
*Automated inbox handling via Gmail API* Github
  - Send automated email adhering to RFC standard and generate label to add to threads.
  - Implemented refresh token mechanism to optimise auth flow for 60-second periodic requests
  - Tools & technologies used: *NodeJS, Gmail API*
- **Zoo Central** Sept 2023  
*A Social Media blogging platform with personalised, paginated feed* Github
  - Developed user-centric features: Follow author, Favourite articles, Article tags, Dynamic comments.
  - Signup Signin flow secured by JWT and password hashing
  - Implemented Slugify for SEO optimization and user-friendly article URLs.
  - Tools & technologies used: *NodeJS, MongoDB, Mongoose, JWT, Bcrypt, Slugify, CORS*

## TECHNICAL SKILLS AND INTERESTS

**Languages:** Intermediate: C++, Javascript. Beginner: Python  
**Technology:** NodeJS, Jest, AWS S3, Cloudfront  
**Databases:** MongoDB, MySQL, Firebase  
**Libraries:** Mongoose, Sequelize, Joi, Winston, JWT  
**Tools:** Cypress, Postman, VSCode, Github actions, Github Org

## POSITIONS OF RESPONSIBILITY

- **Technical Head, Department of Statistics** Jul 2020 - Jun 2021
  - Led a team of 14 juniors and initiated a program to increase awareness about the statistical bias in news
  - Organised Departmental Fest and Statistics Conferences in collaboration with UGC.
  - In 4 weeks, evolved from onboarding juniors to a process of 4 teams producing 2 reviewed material per week

## ACHIEVEMENTS

- **Department Rank 1, Semester III and IV**
- **Rank 2, Mood Indigo, IITB, Short Film-making Competition** Dec, 2019