



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
 - Designed and developed unit-tested and well-documented RESTful API
 - Automated workflows using Github actions and CRON
 - Emphasized over code's modularity, test-friendliness, efficiency, documentation and robust error handling.
 - Tools: Node.JS, Firebase, AWS, Github Actions

PERSONAL PROJECTS

- **MachArrow Airlines** Oct 2023
A back-end flight service application built upon the robust MVC architecture Github
 - Implemented transactions for seat booking / cancelling
 - Build centralised CRUD operations, secured by JWT, for Admin controls.
 - Automated data validation and Standardized response object formatting.
 - Configured Winston logger and Defined custom error class for robust error handling.
 - Tools & technologies used: *Express.js, Sequelize, JWT, Winston, CORS*
- **Vacation Shield** Oct 2023
Automated email handling and labelling via Gmail API Github
 - Isolated threads with no previous replies and send automated email adhering to RFC standard.
 - Add, or create if necessary, a vacation label to each thread that contains the automated response.
 - Implemented Gmail API authentication and Refresh token mechanism for randomized data retrieval intervals.
 - Tools & technologies used: *Express.js, Gmail API*
- **Zoo Central** Sept 2023
A Social Media blogging platform with user-centric capabilities. Github
 - Developed user-centric features: Follow author, Favourite articles, Article tags, Dynamic comments.
 - Secured Login with password hashing via Bcrypt and CRUD operations via JWT.
 - Built personalized and paginated feed of articles for each user.
 - Implemented Slugify for SEO optimization and user-friendly article URLs.
 - Tools & technologies used: *Express.js, Mongoose, JWT, Bcrypt, Slugify, CORS*

TECHNICAL SKILLS AND INTERESTS

Languages: C++, Javascript, Python
Technology: NodeJS, Mongoose, Sequelize, JWT, Winston
Databases: MongoDB, MySQL, Firebase
Developer Tools: Cypress, Postman, VSCode, Github actions, AWS

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 to a streamlined 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