Aviral Yadav

Roll No.: 19020568009
B.S. Statistics (H)
University of Delhi

📞 +91-8564805014
✉ harshy2026@gmail.com
⏻ GitHub
in LinkedIn

EDUCATION

- **University of Delhi, Delhi** *2022*
  B.S. Statistics (H) CGPA: 8.71/10
- **City Montessori School, Lucknow** *2018*
  ISC Percentage: 96.5%
- **City Montessori School, Lucknow** *2016*
  ICSE Percentage: 96%

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 in one row for Data consistency and Integrity.
  – 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++, Python, Javascript
Technology: Express.js, Mongoose, Sequelize, JWT, Winston
Databases: MongoDB, MySQL
Developer Tools: Cypress, Postman, Bash
Areas of Interest: Mathematics, Fintech, Health tech

CERTIFICATIONS

- **MongoDB with Node.js,** MongoDB University *Github*
  - implemented CRUD, Transactions, Aggregations and Indexing in Node.js
  - hands-on experience with MongoDB Atlas

POSITIONS OF RESPONSIBILITY

- **Tech Head,** Department of Statistics *Jul 2020 - Jun 2021*
  - Headed a team of 12 juniors across 2 levels
  - Organised Departmental Fest and Statistics Conferences in collaboration with UGC.
  - In 4 weeks, evolved from the onboarding and training stage to a streamlined process of 4 teams producing 2 reviewed articles per week

ACHIEVEMENTS

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