Vani Chaturvedi

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○ GitHub Profile
in LinkedIn Profile

Education

- **Poornima College of Engineering** *2021 - Present*
  Bachelor of Technology in Computer Science and Engineering CGPA: 9.00

- **Sophia Girls Senior Secondary School, Kota** *2021*
  Class XII, CBSE board Percentage: 96.00

- **Sophia Girls Senior Secondary School, Kota** *2019*
  Class X, CBSE board Percentage: 95.00

Personal Projects

- **Airline Management System (Repo Link)** *2023*
  Flight Booking Management System
  – Tools & technologies used: Node.js, Express.js, MySQL, Axios, JWT, Nodemailer, RabbitMQ
  – Implemented API Gateway to take user queries, which are then routed to various microservices.
  – Integrated RabbitMQ (message queue) between the booking and reminder services.
  – Used **Cron** to send emails automatically after a 5-minute interval after a user placed a reservation.

- **TweetsHere (Repo Link)** *2023*
  Backend of a Twitter like application
  – Tools & technologies used: Node.js, Express.js, MongoDB, Jest, Passport.js, AWS S3
  – Devised and integrated a full tweets search functionality based on a hashtag.
  – Employed **Jest** to create unit tests for multiple functionalities to ensure code stability and improved debugging.

Technical Skills and Interests

Programming Languages: C, C++, JavaScript
Tools & Frameworks: Node.js, Express.js, MongoDB, MySQL, Jest, RabbitMQ
Skills: Data Structures and Algorithms, Backend Development, Object-oriented programming

Achievements

- Solved 200+ problems on platforms such as Code360, Leetcode and GeeksForGeeks
- Participation in Leetcode contests and enhancing my coding ability
- 50 Days of code achievement by Leetcode.

Positions of Responsibility and Extra-Curricular

- **Alumni Society - Coordinator** *2021 – 2022*
  - Co-ordinated in successfully organizing Alumni Meet 2021.

- **Graduate in Kathak Dance form**

- **Completed 7+ Levels of Abacus**