Aniket Mishra

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PROFILE SUMMARY

A detail-oriented and recent Computer Science graduate with a strong foundation in data analysis, database management, and process automation. Proven ability to leverage technical skills in Python, SQL, and Web Scraping to conduct research, analyze complex datasets, and derive meaningful insights. Eager to apply analytical and problem-solving abilities to support key business decisions in a Junior Research Analyst role.

EDUCATION

- **Vellore Institute of Technology** — Chennai, India
  B.Tech. Computer Science and Engineering; CGPA: 7.18 — *2021 – 2025*
- **New Central Public Academy** — Ballia, India
  Senior Secondary (XII); 70.0% — *2019 – 2020*
- **Gyan Kunj Academy** — Ballia, India
  Secondary (X); 73.6% — *2017 – 2018*

SKILLS

- **Data Analysis & Research**: Data Analysis, Python (Pandas, NumPy), SQL, Web Scraping, Research Methodologies, Microsoft Office Suite (Excel, PowerPoint)

- **Databases**: MongoDB, MySQL, CouchDB

- **Languages**: C++, Python, Java, JavaScript

- **Frameworks & Tools**: React.js, Node.js, Spring Boot, Git, GitHub, Postman, Jenkins, UiPath (RPA), Docker

- **Core Concepts**: REST APIs, Agile Methodologies, OOP, CRUD Operations, CI/CD

EXPERIENCE

- **Zidio Development** — Remote
  Java Full Stack Intern — *Jun 2025 – Present*
  - Engineered interactive dashboards using **Java and React.js** to visualize complex data, leading to actionable insights and reducing data retrieval time by 20%.
  - Designed and implemented REST APIs for efficient data collection and manipulation from a **MongoDB** database, improving data processing latency by 25%.
  - Collaborated in an Agile team, utilizing Git for version control and contributing to project documentation, ensuring clarity and accuracy.
- **The Website Maker** — Remote
  Web Development Intern — *Oct 2023 – Dec 2023*
  - Analyzed user engagement data to identify patterns and inform UI/UX improvements on an e-commerce platform built with **React.js and Node.js**.
  - Presented findings to the team, leading to data-driven design changes that boosted customer conversion rates by 25%.

PROJECTS

- **Travel Buddy (Data Collection Tool)**: Developed an automated research tool using **RPA (UiPath) and Python Web Scraping** to gather and consolidate travel data from multiple online sources, reducing manual research and data entry effort by 90%. [GitHub]

- **Math Operations API**: Created a backend data processing API using **Node.js and MongoDB** to perform complex mathematical calculations, showcasing strong analytical and problem-solving capabilities in a technical environment. [GitHub]

- **Chess Game**: Engineered a multiplayer chess application with **JavaScript and WebSocket**, implementing complex logic with 95% move validation accuracy, demonstrating strong attention to detail. [GitHub]

CERTIFICATIONS

- **Google Cloud Computing Foundation**: Google (Nov 2023) [Certificate]

- **CouchDB – Distributed Database**: Jul–Aug 2024 [Certificate]

- **PHP and MySQL**: IIT Bombay (Spoken Tutorial) [Certificate]

- **Java**: IIT Bombay (Spoken Tutorial) [Certificate]

HONORS ACHIEVEMENTS

- JEE Mains: 96.2 percentile — Rank 32,540
- VITEEE: Rank 8,882 / 1.83 lakh candidates

VOLUNTEER EXPERIENCE

- **Hacking Club, VIT Chennai** — Chennai, India
  Member — *2022 – Present*
  - Applied analytical problem-solving skills in ethical hacking bootcamps and Capture The Flag (CTF) competitions to identify and analyze system vulnerabilities.
  - Gained hands-on experience with analytical tools like Wireshark and Nmap to investigate network traffic and identify patterns.