Aryan Patel

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PROFESSIONAL SUMMARY

Software Engineer with 2+ years of experience developing full-stack applications with a backend focus using NodeJS, Python, and SQL-based databases. Adept at building scalable REST APIs, integrating cloud tools like AWS S3 and Druid, and tuning database performance. Solid experience with frontend technologies like ReactJS and JavaScript for building responsive UIs. Strong in Agile, Git, and CI/CD, with a passion for writing clean, efficient, and production-ready code.

SKILLS

LANGUAGES| C++ • JAVA • Python
BACK END DEVELOPMENT| Express • NodeJS • JavaScript • Python
FRONT END DEVELOPMENT| ReactJS • JavaScript • HTML • CSS
DATA PIPELINES| S3
DATABASES| MySQL • PostgreSQL • MongoDB • Druid
MISCELLANEOUS|Amazon AWS • Machine learning • Apache Airflow • Matomo • Apache Superset
SOFT SKILLS | Effective Collaboration • Initiative & Ownership • Agile Team Communication • Deadline-Driven Execution

EXPERIENCE

AVESTA TECHNOLOGIES PVT. LTD | ExpressJS, Druid, ReactJS, MySQL, S3, CI/CD, Git, REST API, Node.js
Software Engineer I|01/2023 - Present, Ahmedabad(Gujarat)
View.com
- Developed the **HolidayRentals** feature for View.com, enabling short-term property rentals (<30 days), which led to a **20% increase in daily traffic** and enhanced user retention.
- Integrated **Druid and MySQL** for rental analytics, reducing query latency by **40%** for high-traffic dashboards.
- Led the effort to refactor image handling, reducing average image file size by 30% through optimized compression techniques, which improved image load time by **25%**.
- Performed code reviews for **15+ pull requests**, and helped reduce average issue resolution time by **30%**.

INFRAVEO TECHNOLOGIES PVT. LTD|NodeJS, HTML, CSS, MongoDB, Git
Software Developer Intern|04/2022 - 07/2022, Ahmedabad(Gujarat)
TastyMeal.com
- Designed a **modular Node.js backend** handling up to **1,000 concurrent users**, reducing server crashes by **50%**.
- Used MongoDB aggregation pipelines to optimize order filtering, reducing query execution time by **35%**.
- Implemented API-level caching using Redis, leading to a **40% boost in response speed** for high-traffic endpoints.
- Improved customer retention by **15%** through better user flow.

EDUCATION

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY
B.Tech in Computer Science and Engineering
07/2019 - 04/2023 | Anand
GPA: 8.63/10

MRS HIGH SCHOOL
Senior Secondary(XII), Science
07/2017 - 04/2019 | Mehsana
GPA: 8.25/10

PERSONAL PROJECTS

NewsInShort App | Java, Android Studio: Link
- Built a lightweight Android app that pulls headlines from **30+ news sources**, covering **5+ categories**.
- Reduced network usage by **60%** through local caching and optimized data handling.
- Verified compatibility across **7 Android versions**, ensuring stable performance on low-end devices.

Movie Recommendation System | ReactJS, PYTHON: Link
- Created a content-based engine using **TF-IDF** and **cosine similarity** to suggest from **5,000+ titles.**
- Implemented a Python-based API with Flask to deliver real-time data updates to the ReactJS front end.
- Boosted recommendation accuracy by **22%** compared to simple keyword matching.

COURSEWORK

- Full Stack Development
- Mobile App Development
- Machine Learning with Python

HONORS & AWARDS

- Member of Computer Society of India
- Member of IEEE Technology & Engineering Management Society

INTERESTS

- Programming • Social work • Reading tech articles