

SUMMARY

At V-Patrol AI Private Limited, I develop scalable backends using Node.js, Express, and MongoDB. I secure APIs with JWT and deploy on AWS EC2. I ensure data integrity with Mongoose and use Git for version control, focusing on quality, collaboration, and innovation in delivering impactful solutions.

SKILLS

Node, Express, MongoDB, Mongoose, React, JWT, AWS EC2/S3, Restful API, Git, Github

PROFESSIONAL EXPERIENCE

Backend Developer

Dec, 2023 – Present

V-Patrol AI Private Limited, Gurugram, Haryana

- **Backend Leadership**

Role: Lead Backend Developer

- Spearheaded backend development projects focusing on server-side performance and cloud infrastructure management. Key tasks involved deployment on AWS EC2, data handling via AWS S3, and database management with MongoDB.
- Improved search functionalities using Elasticsearch and ensured secure authentication with JWT.
- Developed a centralized authentication and authorization system, allowing users to access multiple products through a single login page.
- Designed and implemented an in-house API Gateway, enabling seamless request handling between different server architectures.
- Developed a system that integrates with multiple third-party APIs, processing and extracting new information from the responses. The system iteratively makes requests to the APIs, up to three iterations, capturing all available data and compiling it into a comprehensive JSON report detailing the information provided and received during each iteration.

- **Frontend Development**

Role: Frontend Developer

- Developed a front-end application using React to manage and store reports created by analysts. The application allows users to upload files to AWS S3 using pre-signed URLs, with necessary metadata. It also enables users to preview and manage the reports on the client side efficiently.

- **Version Control and Collaboration**

- Utilized Git extensively to manage code versions and collaborate effectively across project teams.

Backend Developer Internship (Remote)

V-Patrol AI Private Limited, Haridwar, Uttarakhand

Oct, 2023 – Dec, 2023

EDUCATION

- | | | |
|-------------------------------------|-----|-------------|
| • Bachelor of Computer Applications | 68% | 2019 - 2022 |
| • Intermediate | 62% | 2017 - 2018 |
| • High School | 82% | 2015 - 2016 |