# NISHCHAL BALUNI

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## Professional Summary

Full-stack MERN Developer with 2.5+ years of experience delivering scalable SaaS solutions, RESTful APIs, and cloud-ready architectures. Skilled in Node.js, Express, React, MongoDB, and Agile development. Adept at performance optimization, CI/CD pipelines, and integrating modern tools (WebSocket, Redis, AWS) to improve product efficiency.

## Technical Skills

**Languages:** JavaScript (ES6+), SQL, HTML, CSS

**Frameworks/Tools:** Node.js, Express.js, React, Redux, TailwindCSS, Git, Docker

**Databases:** MongoDB, MySQL, Redis (Caching)

**Other:** REST API, JWT Authentication, WebSocket, Webhook, CI/CD, AWS Basics, Agile/Scrum

## Education

**Uttar Pradesh Technical University**                                    **Sep 2019 – May 2023**
*Bachelor of Science in Computer Science*                    *Gautam Budh Nagar, Uttar Pradesh*

## Professional Experience

**Dvertex Info Private Limited**                                          **Feb 2024 – Present**
*Software Engineer*                                            *Gautam Budh Nagar, Uttar Pradesh*

- Developed backend services using Node.js and Express, scaling API handling to **10K+ requests/day** with 99.9% uptime.
- Implemented caching (Redis) and WebSocket for live updates, improving response time by **30%**.
- Delivered RESTful APIs for SafaiMitra platform, cutting post-deployment bug reports by **40%**.
- Collaborated in **12+ Agile sprints**, managing **20+ Git branches** and reducing deployment issues by **15%** through CI/CD pipelines.

**Dvertex Info Private Limited**                                          **Aug 2023 – Feb 2024**
*Junior Software Developer*                                    *Gautam Budh Nagar, Uttar Pradesh*

- Assisted in backend module development, building **5+ core APIs** and integrating MongoDB/MySQL to handle **50K+ monthly records**.
- Debugged APIs and resolved 25% of recurring issues, improving platform stability and cutting error rates by **20%**.
- Maintained **10+ Git branches** across teams and added **30+ unit tests**, improving code coverage by **25%**.

**Siemens Energy**                                                       **Aug 2022 – Feb 2023**
*Software Engineer Intern*                                                   *Gurugram, Haryana*

- Contributed to transportation management system design, optimizing workflows and reducing data processing time by **20%**.
- Built CRUD APIs with RBAC, improving data security and enabling **3+ role-specific access levels**.
- Worked with SQL (MySQL) and NoSQL (MongoDB), ensuring a **99% query success rate** across modules.

## Achievements & Recognition

**Employee of the Month Award** — Recognized twice for outstanding performance, code quality, and timely delivery of critical features.

## Key Projects

**Transport Management System** — *React.js, Node.js, Express, MongoDB*                    **Jan 2023**
- Built JWT-based login for secure multi-role access, including dashboards for managers and captains.
- Improved MongoDB query performance by **35%** through indexing and optimized schema design.

**Drug Recommendation System** — *Django, Machine Learning, HTML/CSS, Ajax*                **Mar 2022**
- Developed ML-powered drug recommendation app, increasing prediction accuracy by **20%**.
- Integrated role-based access for patients, doctors, and admins for secure functionality.