# SHIVANSHI SHAILJA

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## SUMMARY

Highly skilled and results-oriented Backend Developer with expertise in **Node.js**, **Express.js**, **MongoDB**, and **Mongoose**. Proven ability to design and implement robust, scalable RESTful APIs, optimize application performance, and integrate seamless data solutions. Strong background in building secure, data-driven applications, including **tax management systems**, and improving legacy systems for efficiency and reliability. Experienced in **role-based access control (RBAC)** and conducting comprehensive unit and integration testing with **Jest**. A collaborative team player, dedicated to delivering high-quality, maintainable code, and ensuring seamless integration across front-end and back-end systems.

## EDUCATION

### Bachelor of Technology

Rashtrakavi Ramdhari Singh Dinkar College of engineering Computer Science  ·  8.02

## SKILLS

**Technical Skills**
· **Programming Languages**: JavaScript (ES6+)
· **Frontend Technologies**: HTML5, CSS3, React.js
· **Backend Frameworks**: Node.js, Express.js
· **Databases**: MongoDB, Mongoose
· **Testing**: Jest
· **Version Control**: Git

## EXPERIENCE

### Packaged App Development Analyst

**Accenture**                                                    December 2024 – Present,  Bangalore , Karnataka
· **Product: Tax Management Suite (and Associated Applications)**
· Maintained and improved four existing applications, resolving legacy code issues and enhancing performance by 15%, benefiting over 2,000 active users.
· Collaborated with cross-functional teams to debug critical issues and deploy updates, reducing downtime across maintained applications by 20%.
· Contributed to the development of a new tax management application, focusing on backend features like tax calculations and compliance tracking, ensuring scalability for future use by 500+ organizations.
· Designed and implemented secure API endpoints to facilitate real-time data exchange between the tax management application and external financial systems.
· Identified and resolved 90% of reported bugs during initial performance testing, significantly improving the reliability of the application in its early development phase.
· Assisted with minor front-end development tasks using React, ensuring smooth integration with backend functionality and enhancing user experience.

### Software Engineer/Analyst

**Capgemeni**                                                    December 2022 – December 2024,  Bangalore , Karnataka
· **Product: Replicon (Time Card Management Tool)**
· Designed and developed RESTful APIs using **Node.js** and **Express.js** to handle over 1,000 daily timecard submissions, leave requests, and user authentication processes.
· Streamlined backend workflows, enabling employees to submit and edit timecards, track hours, and access historical logs with a 20% improvement in system response time.
· Implemented a role-based access control (RBAC) system to securely manage access for over 500 users across various organizational roles.
· Conducted comprehensive testing with **Jest**, achieving 95% code coverage and reducing system bugs by 40%.
· Optimized API performance to support 10,000+ concurrent users during peak periods, ensuring high availability and reliability.
· Contributed to frontend development, building intuitive user interfaces with **React** to allow seamless timecard editing, leave tracking, and report generation, improving user satisfaction and engagement.