Shasbin A S

BACKEND DEVELOPER | MERN

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Professional Summary

Backend Developer with hands-on experience building secure, scalable Restful APIs and server-ide applications using Node.js, Express.js, TypeScript, and MongoDB. Proven ability to implement JWT authentication, role-based access control, and security-hardened middleware. Expertise in database optimization, API design, and modern backend architecture. Committed to writing clean, maintainable code and delivering high-performance systems.

TECHNICAL SKILLS

- **Backend Technologies: Node.js, Express.js, TypeScript, RESTful API Design, JWT Authentications, Middleware Development**
- **Databases: MongoDB, PostgreSQL, Redis, Database Optimization**
- Frontend: HTML, CSS3, JavaScript ES6+, Bootstrap 5, EJS, HBS Templating
- Security & Validations: Helmet, CORS, Argon2, bcryptjs, Joi validation, Rate Limiting
- Tool & Platforms: Git, GitHub, Postman, Swagger/OpenAPI, Cloudinary, Multer
- Testing: Jest, Supertest, Unit Testing
- Methodologies: Agile Development, Restful Architecture, MVC pattern, Data Structures & Algorithms

PROFESSIONAL EXPERIENCE

Backend Development intern | *G-Tec Computer Education, Irinjalakuda*   **Jul 2025 – Present**

- Developed and deployed 5+ server-side applications using Express.js with HBS and EJS templating engines, delivering dynamic web pages with 30% faster load times
- Engineered robust RESTful API endpoints with JWT authentication and Redis-based session management, securing user data for 100+ concurrent users
- Built form validations systems using Joi, preventing 95% of invalid data submissions
- Wrote comprehensive unit tests using Jest and Supertest achieving 85% code coverage

Projects

Task Manager API   GitHub Repo

- Created secure REST API with JWT auth + Redis blacklist
- Achieved 85% test coverage using Jest + Supertest
- Integrated Cloudinary via Multer with 40% optimized storage
- Designed modular architecture improving maintainability by 50%

ChronoRoyale E-Commerce Platform   **GitHub Repo**

- Constructed a full-stack e-commerce app with cart & checkout
- Optimized DB queries reducing load time by 35%
- Achieved 95% mobile compatibility with Bootstrap 5
- Create admin dashboard with real-time scale analytics (chart.js)

Node-Mongoose-JWT APIs   **GitHub Repo**

- Implemented JWT-based authentication with access & refresh token flow
- Added multi-level role authorization
- Secured passwords using Joi
- Documented complete API using Swagger

EDUCATION

Yenepoya University, BCA (Online Degree)   **Oct 2025 –** Expected **Jan 2028**
Bachelor of Computer Applications – Focus on Programming, Databases, and Web Development.

G-Tec | Full Stack Development   **Jul 2025 – Expected Feb 2026**
Completed an intensive program in **MERN Stack (MongoDB, Express.js, Node.js)**

LBSM School, Senior Secondary (Plus Two)   **Jul-2021– Mar 2023**
Stream: **Bio Science**

CERTIFICATIONS

Certification in Python Programming