SAYAN SANKI

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PROFESSIONAL SUMMARY

Results-oriented developer with a B.Tech in Mechanical Engineering and hands-on experience building scalable backend solutions. Proficient in JavaScript/Node.js ecosystem with strong foundations in Java and C. Seeking an entry-level backend developer position where I can leverage my technical skills and analytical background to build efficient, reliable server-side applications.

TECHNICAL SKILL

- **Programming Languages: JavaScript (ES6+), Node.js, Java, C**
- **Backend Development: Express.js, RESTful APIs, JWT Authentication, Middleware Development**
- **Databases & Data Management: MongoDB, SQL, Database Design, Query Optimization**

- **Frontend Technologies: React.js, HTML5, CSS3, Bootstrap, EJS Templates**
- **Developer Tools: Git, GitHub, VS Code, Postman, NPM**
- **Core Competencies: Data Structures & Algorithms, API Design, Error Handling, MVC Architecture**

EDUCATION

Highest Degree Earned (B-Tech). Camellia Institute of Engineering & Technology (Bardhaman)
- Overall CGPA: 8.80/10

Second-Highest Degree Earned (HS). Damodar Pur High School
- Overall Grade: A(74.4%)

PROFESSIONAL SKILLS DEMONSTRATED

PORTFOLIO PROJECTS
Authentication System API
Tech Stack: Node.js, Express.js, MongoDB, JWT, Bcrypt
GitHub: github.com/Ssayan1/authentication-api
- Engineered a production-ready authentication system with role-based access control
- Implemented secure password hashing with Bcrypt and stateless authentication using JWT
- Built comprehensive middleware for request validation and error handling
- Designed scalable user management with account recovery workflows

RESTful Bookstore API   Date – Date
Tech Stack: Node.js, Express.js, MongoDB
GitHub: github.com/Ssayan1/bookstore-api
- Developed a full-featured RESTful API following industry best practices
- Implemented advanced query functionality with filtering, sorting, and pagination

• Created robust data validation and sanitization for all API endpoints
• Structured codebase with MVC architecture for maintainability and scalability

Task Management Application (MERN Stack)
Tech Stack: MongoDB, Express.js, React.js, Node.js
GitHub: github.com/Ssayan1/task-manager
• Built end-to-end application with secure user authentication and task management
• Designed optimized database schema for efficient querying and data relationships
• Implemented responsive React frontend with reusable components and state management
•Created RESTful API with comprehensive error handling and proper HTTP status codes

STUDENT LIFE AND VOLUNTEERISM

Organization Name – Role: Description of role, organization place, and how it demonstrates relevant skills on your resume, including examples of quantities, impact, and brand name partners/funders. (Year)
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RELEVANT PROJECTS

Blog Web Application
Tech Stack: Node.js, Express.js, EJS, Bootstrap, MongoDB
• Created a dynamic content management system with user authentication
• Implemented rich text editing capabilities and media upload functionality
• Designed responsive frontend with EJS templates and Bootstrap
Family Travel Tracker
Tech Stack: React.js, Node.js, Express.js, MongoDB
• Developed interactive map visualization using React components
• Created secure backend API for storing personalized travel data
• Implemented geolocation features and country information integration

CERTIFICATIONS

• Introduction to Artificial Intelligence (AI) - IBM (Coursera, March 2025)
• Backend Web Development with Node.js – Udemy
• MongoDB for Developers – Coursera