

# SAYAN NATH

## FULL STACK DEVELOPER

Krishnagar, India, 741101 | sayannath441@gmail.com | +919735957286 | [Portfolio](#) | [Linkedin](#) | [Github](#)

### CAREER OBJECTIVE

I am a Computer Science graduate with a strong foundation in Full Stack Web Development Skilled in building scalable, responsive, and user-friendly web applications using modern technologies. Seeking an entry-level role where I can contribute technical expertise and grow in a collaborative environment.

### SKILLS

- **Frontend:** HTML5, CSS3, JavaScript (ES6+), React.js, Tailwind CSS, Bootstrap
- **Backend:** Node.js, Express.js, REST API Development
- **Database:** MongoDB, Mongoose, SQL(basic)
- **Tools & Platforms:** Git, GitHub, VS Code, Postman, npm, Netlify, Render
- **Other Skills:** API Integration, Responsive Design, CRUD Operations, Authentication & Authorization (JWT, bcrypt)

### EDUCATION

#### B.TECH IN COMPUTER SCIENCE AND ENGINEERING

Ideal institute of Engineering

Aug 2021 - Aug 2024

#### DIPLOMA IN COMPUTER SCIENCE AND TECHNOLOGY

Saroj mohan institute of Technology

Jul 2018 - Apr 2021

### CERTIFICATION

#### Full Stack Software Engineering with AI

AlmaBetter

Aug 2024 - Present

### PROJECTS

MERN Stack Projects -

- Developed **7 full-stack applications**: Recipe-Finder, Stock-Finder, Bookstore, Authentication System, Multi-Page Form, Note-Taking Website, and a Free Movie API.
- Designed and implemented **RESTful APIs** with Node.js and Express, ensuring scalability and clean architecture.
- Built frontend using React.js, Tailwind CSS, and Bootstrap for enhanced user experience.
- Integrated **My own APIs** (recipes, stocks, book, movies) and implemented server-side caching for performance improvement.
- Implemented secure **authentication & authorization** using JWT, bcrypt, and cookie-based session handling.
- Developed **CRUD** functionality for dynamic data management with MongoDB and Mongoose.
- Applied **form validation techniques** for multi-step and complex forms to ensure data accuracy.
- Used state management (**React hooks, Context API**) to manage data flow in large-scale applications.
- Deployed projects on Netlify, Render, ensuring production readiness and cross-browser compatibility.
- Followed best coding practices with reusable components, version control (**Git/GitHub**)