

Raja Rajeswari S

BACKEND DEVELOPER

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Motivated and detail-oriented backend developer with hands-on experience in building RESTful APIs, real-time communication features, and secure authentication systems using Node.js, Express, and MongoDB. Proven ability to design and implement scalable backend solutions during internship projects. Eager to contribute to impactful tech solutions in a collaborative development environment.

TECHNICAL SKILLS

- Backend Development: Node.js, Express.js
- Frontend Basics: HTML, JavaScript
- Database Systems: MongoDB
- Authentication & Security: JWT, Google OAuth 2.0 (Passport.js)
- Real-Time Communication: Socket.IO
- API Development & Testing: RESTful APIs, Postman
- Version Control & Deployment: Git, GitHub
- Workflow Tools: VS Code, MS Office
- Soft Skills: Strong communication, typing speed, collaborative mindset

WORK EXPERIENCE

Blue Silicon Infotech, Chennai | July 2024 - Present

Backend Development

- Built and maintained RESTful APIs using Node.js, Express.js, and MongoDB for user and message management.
- Implemented secure authentication using JWT and Google OAuth with Passport.js integration.
- Developed a real-time chat system with Socket.IO, including typing indicators and message seen status.
- Managed profile updates and file uploads using Multer, while collaborating in Git-based agile workflows.

PROJECTS

Login System with Real-Time Private Chat Features

- Technologies: Node.js, Express, MongoDB, Socket.IO, JWT, Passport.js, HTML, JS
- Built a secure real-time messaging system with JWT and Google OAuth authentication.
- Implemented user presence tracking, message delivery status, and typing indicators via WebSocket.
- Developed RESTful APIs for user profile management, chat handling, and media uploads.
- Ensured session persistence and access control with secure token handling and cookie management.

EDUCATION

Master of Science in Physics| 2024

Bharathiyar University, Coimbatore

- Poster Presentation: Characterization of SFO/MnFO Nanocomposites
- Models: Developed a working prototype of Li-Fi Communication System
- CGPA : 8.0

Bachelor of Science in Physics| 2022

Bharathidasan University, Thiruchirapalli

- Conference Paper: Presented at the International Conference on Nanotechnology Applications in Life Sciences
- CGPA : 9.3

CERTIFICATIONS

- Certificate in Computer Applications (CCA)
- Typewriting – Junior Grade (English) – First Class with Distinction

LANGUAGES

- English
- Tamil
- Kannada
- Malayalam

LINKS

www.linkedin.com/in/rajeesaravanan1681