

# Gunaseelan R

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## SUMMARY

MERN Stack Developer with expertise in React.js, Node.js, Express.js, and MongoDB. Experienced in RESTful API development, UI optimization, security best practices and scalable application design. Improved UI responsiveness by 30% and enhanced API response times by 40%. Focused on developing secure applications and collaborating in Agile environments. Continuously learning new technologies to enhance system efficiency and user experience.

## TECHNICAL SKILLS

- Frontend** : HTML, CSS, JavaScript, React.js, Redux, Bootstrap, Tailwind CSS, Responsive Design
- Backend** : Node.js, Express.js, JWT Authentication, RESTful APIs, API Security
- Database** : MongoDB, SQL (Basics), Mongoose
- Version Control** : Git, GitHub
- API and Tools** : RESTful APIs, Postman, JSON, Web Applications
- Programming Languages**: Java (Basics), Python (Basics)

## PROJECTS

- Freelance Web Developer** [\[ LINK \]](#)

*Expertisor Academy*

  - Developed fully responsive web pages, improving cross-device compatibility and reducing bounce rate by 30%.
  - Created reusable UI components with React.js and Tailwind CSS, accelerating development by 40%.
  - Transformed client requirements into functional UIs, boosting client satisfaction and efficiency by 25%.
  - Built scalable front-end architecture, increasing feature integration speed by 50%.

March 2025

*React.js, Tailwind CSS*
- Elite Furnitures**

*E-Commerce Project*

  - Developed a feature-rich e-commerce platform with 100+ products, including real-time search, filtering, sorting, and pagination.
  - Integrated JWT authentication, enhancing data security by 40% and ensuring seamless user login across platforms.
  - Optimized MongoDB queries with indexing and aggregation, reducing query time by 35% for faster product retrieval.
  - Implemented a payment gateway, increasing checkout success by 25% and improving user retention.

February 2025

*MERN*
- Biobot.AI** [\[ LINK \]](#)

*Bio-Generator*

  - Integrated the Genini API to generate Instagram bios based on user input, improving user engagement by 40%.
  - Made an interface where users type categories (e.g., gamer, traveller) to get custom bios, which led to a 30% increase in usage.
  - Optimized the API request handling, reducing response times by 30% for faster bio generation.
  - Established a flexible front-end structure, reducing time for future feature integrations by 50%.

January 2025

*React.js, Tailwind CSS*

## INTERNSHIP

- Full Stack Development Intern** [\[ LINK \]](#)

*Techforge*

  - Engineered a high-performance movie search app with React.js and TMDB API, enabling real-time results.
  - Managed API states with React hooks and conditional rendering, improving UI responsiveness by 40% and reducing flickering by 60%.
  - Applied modular component architecture for reusability and faster iteration, reducing development time by 30%.
  - Conducted performance testing with Postman, improving API data-fetching speed by 50%.

September 2024 – October 2024

*Salem, Tamil Nadu*

## EDUCATION

- Dhirajlal Gandhi College of Technology**

*BE in Computer Science*

Salem, Tamil Nadu

*November 2021 – April 2025*
- Sri Gayathri Higher Secondary School**

*Higher Secondary Certificate (HSC)*

Salem, Tamil Nadu

*June 2020 – May 2021*

## CERTIFICATIONS

- MERN Stack Development
- Python