AGUNAN A

agunan11@gmail.com | **FULL-STACK DEVELOPER** | +91 8111072450

PROJECTS

E-COMMERCE WEBSITE

- Built a responsive e-commerce website with a catalogue of 100+ products using **React.js, Node.js, and PostgreSQL,** reducing page load times by 30%.
- Implemented advanced search and filtering features, boosting product discoverability by 40% and increasing user retention by 20%.
- Integrated secure payment gateways and authentication, improving transaction success rates by 15% and enhancing data protection.
- Tech stack:**Reactjs,Nodejs,PostgreSQL**

CHAT APPLICATION

- Developed a real-time chat application using **Node.js, Express, and Socket.io**, enabling instant messaging with a 20% reduction in latency.
- Implemented user authentication and message encryption, enhancing security and improving user data protection by 30%.
- Designed an intuitive UI with React.js, increasing user engagement by 25% and boosting retention rates by 15%. .
- Tech stack:**Reactjs,Nodejs,Expressjs**

REAL-TIME WEATHER APP

- Developed a **weather application using React.js and OpenWeather API,** delivering real-time weather updates with a 95% accuracy rate.
- Implemented geolocation features to provide location-specific forecasts, improving user experience by 30%.
- Optimized API calls and UI components, reducing load times by 40% and increasing overall app performance.
- Tech stack:**React.js, Node.js**

EXPERIENCE

WHEELS INDIA LIMITED | Graduate Engineering Trainee
sep 2022 – sep 2024| Chennai,Tamilnadu

- Worked with the **KUKA Industrial Robot Programming** team on the production and maintenance of robot operations.
- **Troubleshooted and debugged** any issues in the programming code and mechanical functionality of the robot.
- Incorporate touch-sensitive programming into the welding material to boost production efficiency by 30%.

EDUCATION

Sri Ranganathar Institute of Engineering and Technology,Coimbatore,Tamilnadu
BE Electrical and Electronics Engineering
CGPA: 9.0/10 |GRAD:(2022)

Pattukkottai Polytechnic College
Diploma in Mechatronics Engineering
Thanjavur,Tamilnadu
Percentage: 93 |GRAD:(2019)

S.E.T Vidhyadevi Matric.HR SEC
HSC-2017
Thanjavur,Tamilnadu
Percentage:82

Kasilingam Matric.HR SEC
SSLC-2015
Thanjavur,Tamilnadu
Percentage:97

HARD SKILLS

- Frontend:**html5|css3|Javascript(ES6)**
- Backend:**Node.js|Express.js|python**
- Database:**SQL|PostgreSQL|MongoDB**
- Framework:**Reactjs|jQuery**

TOOLS/TECHNOLOGIES

- NPM | JASON | BABEL
- JSON Web Token (JWT)
- Git, GitHub and version control
- Rest APIs | Postman
- Bash Command line
- Chrome Developer tool and Debugging
- React Hooks | Flexbox | Grid

SOFT SKILLS

- Productivity Management
- Diligence in detail
- Error Mitigation
- Motivated Learner
- Innovative Solutions

LINKS

- LINKEDLN://**linkedln.com/agunan18**
- Github:// **github.com/agunan**
- Website:// **agunan.com**