

MANOJ AMIRTHALINGAM

Software Engineer | Web Developer | Front-End Developer

About

A passionate Software Engineer on a mission to turn ideas into interactive and visually stunning digital experiences, developing user-friendly websites and responsive web applications and eager to explore the field of Data Science in-depth to handle data for International companies. Proficient in HTML, CSS, JavaScript, Python, Express.js, Node.js and MongoDB various development tools and frameworks. Strong problem-solving skills and staying updated with the current industry trends & technologies.

Education

Bachelor of Engineering

Jeppiaar Engineering College (Affiliated to Anna University), Chennai.

2017 to 2021

Department – Aeronautical Engineering

Percentage-75%

XII | Sri Ramakrishna Matric Hr.Sec School, Perambalur.

2016 - 2017

Percentage – 85 %

X | Sri Ramakrishna Matric Hr.Sec School, Perambalur.

2014 to 2015

Percentage – 97 %

Secured School Second | Score in Mathematics, Science-100/100

Skills

- Languages: Python, Javascript.
 - Stack: MERN stack.
 - Front-End: HTML5 | CSS3 | JavaScript | React.js | Redux.
 - Back-End: Node.js | Express.js.
 - Database: MongoDB | Moongoose.
 - Tools: VScode | Github | Postman.
 - Soft skills: Communication | Problem-Solving | Adaptability | Creativity.
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Professional Experiences

Software Developer-TCS

Web Developer | NOV 2021 - Current

- Works for an Australia-based Bank project on 7 applications
- Assisted in the development of web applications, focusing on front-end technologies.
- Developed user to International Client WESTPAC Bank interfaces with modern JavaScript frameworks, HTML5, and CSS3, which improved user satisfaction by
- Develop documentation to train new team members in company standards Unable to load the shape Unable to load the shape Unable to load the shape Expert trainer on React.js, HTML5, and CSS3
- Enhanced website functionality using React and reduced 32% reduction in page load time. Unable to load the shape Use Git for version control to decrease code conflicts by 51% to User-Interface for new product concepts.
- Assisted colleagues to troubleshoot and resolve technical issues.

- Prepares test plans, executes end-to-end functional testing, and delivers defect-free projects.
 - Mentored new team members via knowledge transfer sessions.
 - Collaborates onshore team members, and clients to complete tasks within the deadline, resulting in 100% on-time delivery.
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Academic Projects

DESIGN AND ANALYSIS OF QUADCOPTER DESIGNER & ANALYST

I developed the "Design and Analysis of Quadcopter" design and simulation using CATIA V5, analyzed the airflow over the aircraft, and found out the drag produced by airflow. And I also applied for a patent for my quadcopter design.

AIRCRAFT DESIGN PROJECT

I worked on a raft design project (Remodelling LOCKHEED MARTIN F-22 RAPTOR), In this project, we drawn the V-n diagram for different flight phases, gust load and critical loading performance of the aircraft. Then calculate the load distribution over the wing and fuselage and draw shear force diagram, bending moment diagram and Schrenk's curve and analysed the internal structure of our aircraft i.e., parts like longerons, spars, stringers etc. Finally selected the suitable materials for the various parts of our aircraft.

Extra-Curricular Activities

- Member of the Entrepreneurs Committee in my college.
 - Organized "A National level Technical Symposium" at Jeppiaar Engineering College under my leadership.
 - Represented the school in Zonal-level Chess and Basketball competitions.
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Personal Information

- Date of Birth: 29/11/1999
- Father's Name: Amirthalingam
- Mother's Name: Kalaivani
- Languages Known: Tamil, English.
- Hobbies: Reading, Cricket, Dance.
- Address: 22A2,north Street,Thiruppeyyar(post),
Kurumbalur(via),K.pudhur, Perambalur.621107.

I hereby declare that the above information contained hereby is true and correct.

Place: Tamil Nadu, India.

Yours
sincerely,
Manoj.A