



CONTACT

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- LinkedIn
- GitHub

SKILLS

- Programming & Languages: Java, JavaScript (ES6+), TypeScript, SQL
- Frontend: ReactJS, HTML5, CSS3, Bootstrap
- Backend: Node.js, Express.js
- Databases: PostgreSQL, MySQL
- Tools/Frameworks: Git, GitHub, Postman
- Cloud: AWS (EC2, S3, RDS, IAM)
- Soft Skills: Problem Solving, Teamwork, Communication, Adaptability

LANGUAGES

- English
- Tamil
- Telugu

PALANISAMY M

OBJECTIVE

Enthusiastic Full Stack Developer skilled in ReactJS, Node.js, PostgreSQL and AWS with experience in building scalable web applications, optimizing performance, and managing databases. Seeking to apply problem-solving abilities and technical expertise to develop innovative solutions in a dynamic environment.

EDUCATION

- R P Sarathy Institute of Technology** 2021 - 2025
B.tech - Information Technology
 - CGPA: 8.17 / 100
- S R V Matric Higher Secondary School** 2019 - 2021
HSC
 - Percentage: 87.64 / 100
- S R V Matric Higher Secondary School** 2018 - 2019
SSLC
 - Percentage: 88 / 100

PROJECTS

- Company Login Page** JAN 2025 - JAN 2025
 - Developed a secure login system with ReactJS, Node.js, and MongoDB.
 - Implemented JWT authentication & bcrypt encryption, reducing login errors by 60%.
 - Documented APIs with Swagger for improved team collaboration.
 - Tech Stack: ReactJS, Node.js, MongoDB, JWT, bcrypt
 - Project Link: [Login Page](#)

- A Digital solution for sustainable disposal** MAR 2025- JUNE 2025
 - Built a PERN stack web app for sustainable e-waste disposal.
 - Integrated TensorFlow for AI-based detection and OpenCage API for geo-location, boosting reporting accuracy by 75%.
 - Managed REST APIs with Express.js and PostgreSQL.
 - Tech Stack:** PostgreSQL, Express.js, ReactJS, Node.js, TensorFlow, OpenCage API

- My Portfolio** OCT 2023 - DEC 2023
 - Built with ReactJS, CSS, and JavaScript using a component-based architecture for fast rendering.
 - Designed a responsive layout (skills, projects, certifications, services) boosting user engagement by 50%.
 - Integrated a contact form with React Hooks, increasing professional outreach by 40%.
 - Tech Stack: ReactJS, JavaScript, CSS
 - Project Link: [Portfolio](#)

SIGNIFICANT AWARDS

- 1st Prize in Handball Match under the Zone Sports Committee (Category: Under 14) in July 2016.
- 2nd Prize in Handball Match under the District Sports Committee (Category: Under 14) in August 2016.
- 2nd Prize in Football Match at my college sports day in February 2023.
- 1st Prize in Football Match and 2nd Prize in Cricket at my college sports event in March 2024.

INTERNSHIP

- **Full Stack Development Internship** Remote | Feb 2025 – Present
 - Selected for a 6-month remote internship as a Full Stack Developer at DATA PATHS.
 - Worked on ReactJS, Node.js, PostgreSQL, Git, and RESTful APIs in an agile environment.
 - Collaborated on scalable feature development, CI/CD pipelines (GitHub), and documentation using Postman/Swagger.
- **UI & UX Design Internship** Oct 12, 2023 - Mar 30, 2024
 - Participated in an extended internship at FifthGen InfoTech from, focusing on designing user interfaces (UI) and user experiences (UX).
 - During this internship, I worked on creating interactive prototypes, improving usability, and designing visually appealing applications, gaining hands-on experience with industry-standard tools like Photoshop, CorelDraw, and Adobe Illustrator.

VALUE ADDED COURSE

- **Languages**
 - Head First Java (Java Basics) from OPTIMUS TECHNOCRATES on Aug 20, 2022.
 - Basics of CSS from Udemy on May 2023.
 - Basics of HTML from Udemy on Sept 2023.
 - Basics of JavaScript from Udemy on Feb 2024.
 - Basics of HTML, CSS, JavaScript from Udemy on Oct 2023.
 - Boot camps on JavaScript & React.JS from devtown, AWS community builder, Google developer student clubs on Mar 2024.
- **Workshop**
 - Web Development: Participated in a workshop conducted by Globaligate on 13th and 14th September 2023.

PUBLICATION

- Presented the project "A Digital Solution for Sustainable E-Waste Disposal" at the National Conference on Emerging Trends in Engineering and Technology, Selvam College of Engineering, Namakkal – 7th April 2025.
- Presented the same project at the International Conference on Innovations in Computer Science and Engineering, Muthayammal College of Engineering – 28th March 2025.
- Published in International Research Journal of Engineering and Technology (IRJET) – 21st May 2025.