

PARTHASARATHYVENKIDUSAMY M

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SKILLS:

C/C++, C#, JavaScript, SQL, Postgres, Node.js, MongoDB

Object oriented Programming, Git and GitHub, Front-end Development, DBMS, Linux

EXPERIENCE:

Junior Software Engineer

Syncfusion | March 2024 – July 2024

- Developed CRUD applications using C# for backend functionality and JavaScript for dynamic front-end interfaces.
- Designed, optimized, and managed databases with Postgres to ensure efficient data handling and retrieval.
- Collaborated with cross-functional teams during training to deliver scalable and user-friendly applications.
- Enhanced knowledge of full-stack development, focusing on performance optimization, code quality, and debugging techniques.

Graduate Engineer Trainee - Internship

Bannari Amman Institute of Technology | June 2023 – Jan 2024

- Trained first-year students on programming fundamentals in **C** and **C++**, enhancing their problem-solving and coding skills.
- Conducted sessions on **basic Linux** and **Virtual Machine (VM)** usage, teaching students system setup and command-line proficiency.
- Delivered workshops on **HTML**, **CSS**, and **JavaScript**, equipping students with essential front-end development skills.
- Developed structured training materials and provided hands-on coding exercises to foster practical learning and understanding.

PROJECTS:

E-Shopping Application - *Developed during internship at Syncfusion*

- Created a web application using HTML, CSS, and JavaScript for the frontend, with C# as the backend and PostgresDB for database management.
- Implemented all CRUD operations, enabling user account creation, wallet balance management, and product purchases.
- Admin users can add, delete, and modify product listings.

Hand Cricket Game

- Developed a web-based game using HTML, CSS, and JavaScript based on hand cricket mechanics.
- Users select a number from 1 to 6, and the game ends if their selection matches the computer's choice; otherwise, the score is updated.
- Hosted the game on [GitHub Pages](#).

EDUCATION:

Bannari Amman Institute of Technology | July 2019 – May 2023

BE Computer Science and Engineering

CGPA: 8.47/10