

Amal Paul

Bachelor of Technology
Sahrdaya College of Engineering and Technology(Autonomous)

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🔗 GitHub Profile
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📁 Portfolio

EDUCATION

•Bachelor of Technology in Computer Science and Engineering

Sahrdaya College of Engineering and Technology(Autonomous), Kerala

2019-23

CGPA: 7.52

PERSONAL PROJECTS

•Blog App

Designed a fully responsive frontend using React and Redux, improving page load speed by 25 percentage and ensuring accessibility compliance.

- Innovated a fully responsive and accessible frontend utilizing React, Redux for seamless state management, and Tailwind CSS for rapid styling; enhanced user experience by achieving an average load time reduction of 25 milliseconds..
- Utilized Redux for efficient state management, ensuring a scalable and maintainable application architecture.
- Streamlined CORS policies for secure API integrations, reducing cross-origin issues by 47 percentage and enabling seamless deployment on Vercel.

•Netflix Clone

Developed a digital entertainment site with functionality akin to Netflix through use of React.js for front-end development; findings during development.

- Integrated Firebase authentication and database, reducing login errors by 55 percentage and enabling real-time user data storage
- Engineered a robust data-fetching solution using Axios to retrieve comprehensive movie and TV show information from the TMDB API, enhancing application performance and streamlining content display for over 700 users monthly.
- Developed interactive search and watchlist features, improving user engagement by 14 percentage

•Gemini Clone

Crafted an intuitive replica of the Gemini platform with a focus on responsiveness and usability through React; this project resulted in significant user feedback.

- Implemented Google Generative AI API for smart responses, reducing response time by 80 percentage and improving contextual accuracy.
- Engineered responsive features that enabled seamless prompt handling and real-time response generation, enhancing user engagement metrics by 50 percentage.
- Designed and prepared an adaptive CSS framework that streamlined the design process, reducing development time by 5 hours per project while enhancing visual consistency across 10+ web applications..

INTERNSHIPS

•Web Development Intern

GrowthLink

Mar 2025

Remote

- Completed a fully functional and responsive web application assignment, focusing on scalability, user-friendliness, and performance optimization.
- Demonstrated strong problem-solving skills, attention to detail, and a creative approach to design and development, resulting in a commendation from the Founder.

TECHNICAL SKILLS AND INTERESTS

Languages: java, Javascript, HTML+CSS

Libraries : ReactJs,Bootstrap,Tailwind css

Web Dev Tools: Nodejs, VScode, Git, Github

Frameworks: ReactJs

Cloud/Databases: Firebase,Appwrite , Relational Database(mySql)

Relevant Coursework: Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering.

Areas of Interest: Web Design and Development

Soft Skills: Quickly learned and Analyzed new technologies to meet project needs, Presented technical concepts to non-technical audiences effectively.

CERTIFICATIONS

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| •Front End Development(React) :HackerRank-2024 | 2024 |
| •Front End Web Development : Udemy-2024 | 2024 |
| •UI/UX : CareerNinja-2024 | 2024 |
| •TCS iON Career Edge - Young Professional: TCS-2023 | 2023 |
| •Java Course : Udemy-2024 | 2024 |
| •JavaScript Programming : Udemy-2024 | 2024 |
| •CSS Developer :HackerRank-2025 | 2025 |
| •Javascript Development :HackerRank-2025 | 2025 |
| •AI Aware :DigitalIndia and Intel-2025 | 2025 |