ASWIN M

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in Aswin-M
⬡ Aswin-M

⭢ Portfolio
📍 Chennai,India

EDUCATION

B.E. Computer Science and Engineering, *Chennai Institute of Technology* ⬀ 2021 – present | Chennai, India
CGPA - 9.2

12th Grade Academic Standing, *Velammal Vidhyshram* ⬀ 2021 | Chennai, India
Scored 88% in my 12th Board Exams.

10th Grade Academic Standing, *Velammal Vidhyshram* ⬀ 2019 | Chennai, India
Scored 94.2 % in my 10th Board Exams.

PROJECTS

FitAware Application, *Next.js, ML Models, Express js, PostgerSQL, Supabase, Flask, React-Native, Simulink, MATLAB, GPT* ⬀
- Implemented a cutting-edge gamification concept into a fitness application, driving competition and knowledge-sharing, leading to a **30% rise** in user retention and a **20% boost** in overall revenue.
- Recognized for Excellence at the Smart india Hackathon 2023 among 50000+ participants,validating project growth and innovation for **"Mathworks Pvt.Ltd".**

Expense Tracker Application, *React.js, Mongo Db, Atllas Database, Express.js, Javascript , React-Chartjs* ⬀
- Equipped users with intuitive budgeting tools and actionable spending insights to **effectively manage their finances**, fostering better spending habits and financial stability.
- Optimized expense management, saving users **25% of their time** with automated categorization and reporting features.

Harvestify, *Python, Html, Css, Javascript, Git, Anaconda, Numpy, Pandas, Pytorch, Scikit ,ML Models* ⬀
- Developed a user-friendly website leveraging machine learning (ML) and deep learning (DL) technologies to provide personalized recommendations for crop selection, optimal fertilizer usage, and early detection of crop diseases.
- The project currently demonstrates an efficiency rate of approximately **60-70%**, with plans for further enhancements to achieve a target efficiency of **99%** in future iterations.

INTERNSHIP EXPERIENCE

Full Stack Developer Intern, *National Small Industries Corporation* ⬀ July 2023 | Chennai, India
- Completed a one month on-site Full Stack development Intern
- Full interaction Sessions with experts and IT professionals on the working Environment.

Front-end Developer Intern, *Bharat Intern* ⬀ August 2023
- One-month online internship focused on Front End Development.
- Utilized Js frameworks including ReactJS and NextJS to create websites contributing to the development of a client application.

SKILLS

Web Development (React.js, TailwindCSS, HTML, CSS, JS, Next.js, Express.js) │ **App Development** (React-Native(Expo))

Databases (Mysql, Subabase, PostgreSQL, Mongodb) │ **Programming Languages** (Python, Java, Typescript, Javascript)

Tools (Figma, Canva) │ **DevOps** (GitHub, Docker)

CERTIFICATES

Web Development - Acmegrade ⬀
- Acquired comprehensive training in full-stack web development covering front-end and back-end technologies.
- Proficient in HTML CSS JavaScript and popular libraries/frameworks such as React.js next.js and express.js
- Demonstrated expertise in server-side scripting with Node.js and database management using MySQL.

Front-end development with React.js - Coursera ⬀
- Mastered React.js fundamentals focusing on components state management and the virtual DOM.
- Built and deployed a React app to the internet showcasing practical skills and familiarity with modern development tools.

Programming in Java - NPTEL ⬀
- Successfully completed an intensive certification course in Java covering core concepts and advanced functionalities.
- Applied theoretical knowledge through practical assignments and real-world projects during the certification course.

ACHIEVEMENTS

Smart India Hackathon 2023 Finalist, *Government of India* December 2023
Achieved distinction as one of the top 5 teams among 87 in the PS SIH1457 endrosed by MathWorks Pvt.Ltd., showcasing expertise in MatLab and Simulink.

Leetcode ⬀
Achieved resolution of over 500 problems and actively engaged in competitive coding contests, attaining an overall ranking of 45,312.

Skillrack ⬀
Resolved 1245 problems and participated in 51 contests with an overall rank of 8173.