# MANIKANDAN PERIYASAMY

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## SUMMARY

A recent graduate with a Bachelor Degree in Computer science and Engineering. I passionate about Information technology field, and I excited to start my career as Software Engineer. During my studies, I developed a strong foundation in Programming and problem-solving , and I'm eager to apply my knowledge to real-world projects.

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## SKILLS

- C
- Python
- HTML
- CSS
- Microsoft Office

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## PROJECT EXPERIENCE

**ONLINE ATTENDANCE MANAGEMENT SYSTEM**                    **Jan 2022– Apr 2022**
### Academics Mini Project

- Designed and implemented user-friendly project layout, resulting in a 50% decrease in user errors and a 30% increase in overall user satisfaction.
- Developed responsive design for project layout, allowing for seamless viewing across multiple devices and increasing accessibility by 40%.
- Utilized industry best practices to optimize project layout load time, reducing page load speed by 20% and improving website performance.

**CAR RESALE VALUE PREDICTION**                    **Aug 2022 – Nov 2022**
### IBM's Nalaiyathiran Project

- Developed and implemented a cutting-edge software solution for predicting second-hand car values, utilizing advanced data science techniques. Increased accuracy of predictions by 20% compared to existing industry models.
- Collaborated with Data scientists and automotive experts from IBM, to gather necessary data and Acquired a dataset of over 500,000 historical car sales records, resulting in improved model performance and enhanced customer satisfaction.
- Led a team of 4 developers in the successful completion of the software project, meeting all deadlines and delivering a high-quality product within budget. Resulted in a 15% increase in team productivity through effective task delegation and regular progress tracking.

**SMART NETWORK ANALYSIS BY USING ML FOR 5G**          **Feb 2023 – May 2023**
   **Final year Project**

- Developed and executed project plans, allocating resources effectively and efficiently, resulting in a 20% decrease in project timeline.
- Conducted extensive research on emerging technologies and identified potential drawbacks of 4G technology, leading to the implementation of mitigating strategies that improved project performance by 15%.
- Collaborated with cross-functional teams to design intuitive user interfaces and seamless user experiences, resulting in a 30% increase in customer satisfaction ratings.

## EDUCATION

➢ Bachelor of Engineering – Computer Science – SSM College of Engineering – 7.8 CGPA

➢ HSC(12th) – Computer Science – Komarappa Sengunthar Higher Secondary School

➢ SSLC(10th) – Komarappa Sengunthar Higher Secondary School – 77%

## CERTIFICATIONS

- Completed and Passing grade in Car Resale value Prediction Project held by IBM - **Certification Link**
- Python course completed at BESANT Technologies
- Expertise in Computer Hardware & Its Technologies

## LANGUAGES

- English
- Tamil

## WORKSHOP & WEBINAR

- Attended an one day workshop based on "Hardware Technologies" in SSM College of Engineering, Namakkal.
- Attended an one day workshop based on "Cryptocurrency Exchange App" in Karpagam College of Engineering, Coimbatore.