ASHWIN SURESH

LinkedIn | GitHub

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DOB – 01/07/2004

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SKILLS & INTERESTS

- **Technical Skills:** C++, Python, Java, React, Git, PyQt5, TensorFlow, Docker, Git, Pandas, Numpy, Scikit-learn, Supabase, Kotlin
- **Soft Skills:** Leadership, Communication, Time Management, Crucial Thinking, Team Player, Hardworking, Creativity, Decision-Making
- **Interests:** Machine Learning, Computer Vision, Data Science, Neural Networks

EDUCATION

- **Govt. Model Engineering College** — 2026
  KTU, B.Tech in Computer Science and Engineering — 7
- **Kuriakose Elias Higher Secondary School, Mannanam** — 2022
  DHSE, 12th — 95.5%
- **SDV English Medium Higher Secondary School, Alappuzha** — 2020
  CBSE, 10th — 98%

PROJECTS

- **ChapterHouse** — *Team Size: 1*
  Software Developer — *Ongoing*
  Technologies Used: C#, ASP.NET Core, Entity Framework Core, SQL Server, JWT Authentication, React
  Developing ChapterHouse, a personal e-library CRUD application that allows users to create and manage their book collections through a responsive web interface.

- **PyPlayer** — *Team Size: 2*
  Software Developer — *3 Weeks*
  Technologies Used: PySide6, Qt Framework, SQLite
  Developed PyPlayer, a standalone desktop music player with a GUI frontend built using PySide6 that provides playlist management functionality.

- **HeartGuard** — *Team Size: 4*
  Software Developer — *4 Weeks*
  Technologies Used: Python, XGBoost, Pandas, Numpy, Docker, Seaborn, Scikit-learn, Streamlit
  Contributed to the development of HeartGuard, a heart arrhythmia classifier that uses ECG signals from the MIT-BIH Arrhythmia dataset to predict irregular heartbeats.

KEY POSITIONS

- Took on the role of **Event Head** at **The Book Thieves 2024**, the literary club of Model Engineering College.

ACHIEVEMENTS & ACTIVITIES

- Volunteer of **MEC MUN 2025**, a Model United Nations conference conducted by **Model Engineering College**.
- Volunteer of **ICTEST 2024**, an International Conference on Trends in Engineering Systems and Technologies conducted by **Model Engineering College**.
- Volunteer for the inauguration of the **IEEE Circuits and Systems Society 2023** in **Model Engineering College**.
- Represented the college in intercollegiate tournaments, securing **4th place** in the **APJ KTU D-Zone Mens Chess Competition**.
- Participated in **MAGIC 2.0 2023**, an overnight hackaton organized by **IEEE MEC SB**.
- **Hobbies:** Chess, Astronomy, Football, Reading

REFERENCES

- **Prof. Dr. Mini M G**, Principal, Govt. Model Engineering College, Kochi, Email ID: **principal@mec.ac.in**
- **Prof. Dr. Binu V P**, HOD, Computer Science Engineering, Govt. Model Engineering College, Kochi, Email ID: **binuvp@mec.ac.in**