

Yashas K S

Mechatronics Student

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📅 13th November 2007 🌐 ksyash13

📄 PROFESSIONAL SUMMARY

Aspiring Embedded Systems and Automation Engineer with a passion for electronics and interdisciplinary innovation with a strong foundation in embedded systems and automation. Founder of The Quantum Company. (Research- service based). Co-founder of Indramode (fashion-based startup) with hands-on experience in market analysis and web development. Actively learning C++ and MATLAB to deepen programming and system-level understanding. Passionate about integrating hardware and software to build innovative, real-world solutions.

🏢 ENTREPRENEUR EXPERIENCE

2023 – Present

Founder, The Quantum Company.

- Successfully planned and outlined research papers on RISC-V architecture, focusing on its applications in embedded systems and low-power design. Publication was deferred due to limited access to required technical resources.
- Currently researching VLSI and CAD design methodologies with the goal of launching specialized design services focused on efficient chip architecture and automation in the near future.

🎓 ACADEMIC HISTORY

2025 – 2026
Bangalore, India

(B.Tech) Indo-German program., Christ University, Kengeri Campus

- Working and active member in Robotics club.
- Applied Physics & Mathematics.
- Data Analysis and data science
- C programming
- Improvement exam completed; final percentage available soon.
- Applied Physics & Mathematics
- Advanced C++, SQL programming.

2024 – 2025
Bangalore, India

Class 12th/ 2nd PUC, Oxford PU College, Ullal

Integrated with Allen Career Institute (RR Nagar, Bangalore).
Learnt basics for Advanced Physics and Mathematics.

2015 – 2023

Grade 3 to 10 (CBSE), Hill Rock National Public School

- Interactive social communication.
- Efficient Speech-providing skills.
- Unique Presentation skills.
- Equal participation and approach to sports & academics.

SKILLS

Industry & Tech based

- Hardware Description Language
- Data Analysis
- Business Ownership
- Applied Physics
- Applied Mathematics
- Advanced C++
- DSA & Basic MATLAB
- Strategic Communications
- Project Planning and Management



Activities & Sports

- Freestyle Dancer
- Derivatives Trader
- Basketball Player
- Firearm Mechanism enthusiast



LANGUAGES

English

Full Professional Proficiency



German

Elementary proficiency



Hindi

Full Professional Proficiency



Kannada

Full Professional Proficiency



Courses

Lean Six Sigma - Yellow Belt,

Advanced Innovation Group Pro Excellence (AIGPE)
Ongoing

IIT-B Swayam Advanced C++

2025 | Online

HONORS & AWARDS

01/12/2022

Unified Cyber Olympiad - AIR 501

Participated in a national-level Olympiad focused on Mental Ability and Computer Applications, with an estimated 20,000-25,000 participants.

01/12/2018

NSTSE Olympiad - Class Topper

Awarded a medal and certificate for securing the Class 2nd Topper position in a national-level Applied Science and Mathematics Olympiad. Achieved an All India Rank (AIR) of 9125 among approximately 300,000-400,000 participants, demonstrating strong analytical and problem-solving skills from an early academic stage.

CERTIFICATION

Machine Learning Specialisation
Electronic Arts (Forge)

— Completed Stanford Online & Deep Learning.AI Product Management

Hackathon (24 hours of space apps designing and programming)

— Challenge - Advanced Health Monitoring System. We designed a user-friendly interface and an integration for AI systems so that data can be read easily than collecting and researching the data in labs.

Electronic Arts - Product Management (Forge)

— Issued July 2025