NIHAARIKA.S
STUDENT

CONTACT ME

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EDUCATION

10+2
NPSI, PERUMBAKKAM, CHENNAI
2011-2021

MTech (Integrated)-Artificial Intelligence (Second Year)
SRM INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI
2022-2027

SKILLS

- Problem-solving and analytical thinking.
- Effective communication and teamwork.
- Project management
- Python
- Java
- C++/C
- Machine learning
- Game development
- Full stack development
- Android development
- Linux
- IoT integration
- Quantum computing

ABOUT ME

An energetic, committed and highly dynamic third-year AI student with the ability to hit the ground running and an insatiable curiosity and dedication to excel despite limited exposure. I am proficient in coding and have actively participated in and won in national/international level hackathons, fostering fresh perspectives and proactive problem-solving.

INTERNSHIP EXPERIENCE SOFTWARE DEVELOPER

- Bosch, Adugodi(in person)

June 2024 – July 2024 (1.5 months)

Contributed to software development projects focused on object detection and full-stack application development under Rajashekar sir in EAT-IN department

- Skill tech services , Dubai (online)

January 2024 - June 2024(6 months)

Led the development of a smartwatch application for health monitoring and vital sign detection for thhe elderly.

PROJECTS

Artificial Intelligence

Projects:

- Data analysis on Tourism in India
- Weed classification using Deep learning
- Medical insurance prediction system
- Chabot for medical purposes
- Facial Recognition Attendance System
- Using Quantum Computing to Find the Shortest Route

Technology and Application Development Projects

Project:-

- Android Application for Smart Fridge Management
- Garbage Monitoring System Using Raspberry Pi
- Hostel Management System
- Math tutor using manim library

CERTIFICATION COURSES

- Google Analytics
- Machine Learning and Urban Planning by ISRO AND IIRS
- Full Stack Development by HCL
- NPTEL - Machine learning CERTIFICATION COURSE(ADVANCED)
- TATA -Cybersecurity course

HACKATHONS:

- SATU SMART- 1st Place Winner (International)
- Manas Codeathon -Finalist (Mental Wellness App Development)
- Aarush Hack Summit-Finalist (36 Hour Hackathon)
- SIH-SMART INDIA HACKATHON (HARDWARE)-participation
- IISC open hack -participation

JACQUELINE THOMPSON

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SUMMARY

Results-oriented Engineering Executive with a proven track record of optimizing project outcomes. Skilled in strategic project management and team leadership. Seeking a challenging executive role to leverage technical expertise and drive engineering excellence.

WORK EXPERIENCE

Engineering Executive , Borcelle Technologies   **Jan 2023 - Present**

- Implemented cost-effective solutions, resulting in a 20% reduction in project expenses.
- Streamlined project workflows, enhancing overall efficiency by 25%.
- Led a team in successfully delivering a complex engineering project on time and within allocated budget.

Project Engineer, Salford & Co   **Mar 2021 - Dec 2022**

- Managed project timelines, reducing delivery times by 30%.
- Spearheaded the adoption of cutting-edge engineering software, improving project accuracy by 15%.
- Collaborated with cross-functional teams, enhancing project success rates by 10%.

Graduate Engineer, Arowwai Industries   **Feb 2020 - Jan 2021**

- Coordinated project tasks, ensuring adherence to engineering standards and regulations.
- Conducted comprehensive project analyses, identifying and rectifying discrepancies in engineering designs.

EDUCATION

Master of Science in Mechanical Engineering   **Sep 2019 - Oct 2020**
University of Engineering and Technology

- Specialization in Advanced Manufacturing.
- Thesis on "Innovations in Sustainable Engineering Practices".

Bachelor of Science in Civil Engineering   **Aug 2015 - Aug 2019**
City College of Engineering

- Relevant coursework in Structural Design and Project Management.

ADDITIONAL INFORMATION

- **Technical Skills:** Project Management, Structural Analysis, Robotics and Automation, CAD
- **Languages:** English, Malay, German
- **Certifications:** Professional Engineer (PE) License, Project Management Professional (PMP)
- **Awards/Activities:** Received the "Engineering Excellence" Award for outstanding contributions to project innovation, Borcelle Technologies