

PIRBHU RAJPUT

📍 Karachi, Sindh, Pakistan | 📧 pirbhucse@gmail.com | 📞 0329-3441564

🔗 GitHub: https://github.com/Pirbhu-Ji | 🔗 LinkedIn: https://linkedin.com/in/pirbhu-ji-63746b323/

# 🚀 Professional Summary

Computer Systems Engineering student (BE program) with expertise in embedded systems, full-stack development, and IoT solutions. Proven ability to develop automation systems, implement efficient algorithms, and create responsive web applications. Passionate about leveraging Arduino and AI technologies to build practical solutions.

# 🎓 Education

Bachelor of Engineering in Computer Systems Engineering

Sukkur IBA University | 2024 - Expected 2028

Relevant Coursework: Data Structures, Algorithms, Embedded Systems, Web Development

GPA: 3.45

# 💻 Technical Skills

Programming Languages: C++ (Intermediate), Python (Basic), JavaScript (Intermediate)

Web Development: HTML5, CSS3, JavaScript, Responsive Design

Embedded Systems: Arduino, DHT11 Sensors, Relay Modules, LCD Interfaces

Tools & Platforms: MIT App Inventor, Git/GitHub, VS Code, Proteus

Soft Skills: Problem Solving, Logical Thinking, Project Management, Team Collaboration

# 🛠 Projects

* Smart Home Automation System
* Developed IoT-based system controlling appliances via Bluetooth
* Integrated DHT11 for temperature/humidity monitoring
* Created Android control interface with voice command features
* Banking Management System
* Implemented secure account management with deposit/withdrawal functions
* Developed data persistence using file operations
* Added admin panel for transaction monitoring
* Student Performance Analyzer
* Automated GPA calculation and grade tracking
* Generated performance reports in text format
* Implemented search functionality for student records
* Salary Management System
* Calculated net salaries with tax deductions
* Generated payroll reports
* Featured employee database management

# 📜 Certifications

* Advanced C++ Programming - GeeksforGeeks (2025)
* Arduino IoT Applications - HEC Coursera (2025)
* Prompt Engineering - Alison (2024)
* AI Fundamentals - HP Life (2024)
* Aspire Leaders Program - Harvard Business School (2025)

# 🏆 Achievements

* Successfully deployed 4+ real-world automation projects during academic career
* Selected for competitive Arduino hardware workshop among top university students
* Maintained active GitHub repository with 10+ projects

# 🌟 Additional Information

Languages: English (Professional), Sindhi (Native)

Interests: Open-Source Contributions, Tech Blogging, Hardware Hacking

Availability: Immediately available for internships or freelance tech projects