

# SM SYED ABBAS

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## PROFESSIONAL SUMMARY

Dedicated and detail-oriented professional with over 6 years of experience in mechanical engineering and a strong interest in transitioning to IT support. Adept at troubleshooting and problem-solving with a passion for technology. Seeking a role in IT support to apply my knowledge in hardware and software troubleshooting.

## SKILLS

- **Hardware Troubleshooting:** Knowledge of computer and mobile components, hardware installation, and Board level repair.
- **Software Troubleshooting:** Proficiency in diagnosing and resolving software issues.
- **Problem Solving:** Strong analytical skills and ability to identify root causes of issues.
- **Self-Initiated Projects:** Demonstrated passion for desktop support through self-initiated projects, including building over 40 custom PCs and repairing numerous PCs and laptops. Performed over 200 Windows installations free of charge around my city to gain knowledge and hands-on experience.

## TECHNICAL PROFICIENCY

**Operating Systems:** Microsoft Windows (XP, 7, 8, 10, 11), Android and Linux.

**Networking:** LAN, WAN, TCP/UDP, and DNS protocols.

**Programming Languages:** Intermediate proficiency in Python, JavaScript, HTML, and CSS.

**Applications:** Experience with Microsoft Office, Visual Studio Code, Visual Studio, AutoCAD, SolidWorks, and Android Studio.

**Software Automation:** Developed a software tool using Python and the Customtkinter library to automate 2D electrical panel drawings in AutoCAD.

**Android Development:** Created a comprehensive app that efficiently shares videos and movies between Android devices, achieving speeds faster than Nearby Share using an Apache HTTP server and a multithreaded client for maximum WiFi 6 speeds (up to 120 MBps). The app also supports downloading videos from various social media platforms, including YouTube and Instagram, using the YTDLP library

## EDUCATION

### Diploma in Mechanical Engineering (DME)

Murugappa Polytechnic College, Avadi

Year of passing 2017 with 73.67%

## PROFESSIONAL EXPERIENCE

### **ESTIMATION and PANEL DESINGER** (6 Months)

**(May 2024 – Present)**

Kontakt Consortium India Private Limited, SIDCO Women industrial estate Kaatur

- **Cost Optimization:** Accurately estimated project costs by optimizing material usage and machining processes, ensuring competitive pricing and profitability.
- **CAD Expertise:** Designed precise 2D CAD models for electrical distribution panels, aligning with client requirements and streamlining production workflows.

### **CNC Operator** (2 Years)

**(May 2022 – May 2024)**

Kontakt Consortium India Private Limited, SIDCO Women industrial estate Kaatur

- **Manufacture** electrical distribution and supply panels for both government and private sector companies such as IRCTC and Danfoss.
- **Operate** a range of machines in the machine shop, including CNC turret punching machines, laser metal cutting machines, and press brake machines from leading brands like AMADA and Mehta.
- **Perform** sheet programming for these machines to optimize material usage and reduce costs.

### **NEEM Trainee** (4 Years)

**(April 2018 – May 2022)**

Rane Engine Valve Limited, Ponneri

- **Manufacture** inlet and exhaust engine valves for top automotive brands such as KIA, Hyundai, Honda, and TATA.
- **Serve** as a Line In-Charge for over four production lines with more than 20 machines.
- **Oversee** productivity and quality control for the production lines to ensure high-quality valves are manufactured.
- **Operate** various types of precise machines, including CNC Micromatic grinding and centerless grinding, maintaining tolerances in the micrometer range.

## INTERESTS

PC building • Troubleshooting • Gaming • Automation

## DECLARATION

I declare that the information provided above is true and accurate to the best of my knowledge and belief.