

ANANTHAKRISHNAN P S

AFC ENGINEER

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OBJECTIVE

Experienced AFC Engineer with over 4 years of expertise in Automated Fare Collection (AFC) systems in metro rail projects. Proven ability to lead teams, coordinate maintenance operations, and ensure system reliability. Skilled in equipment installation, preventive and corrective maintenance, troubleshooting, and technical documentation. In addition to AFC expertise, I possess a strong background in mechanical engineering, including CAD designing and technical problem-solving. Focused on maintenance planning, resource management, and operational excellence to deliver reliable and efficient outcomes.

WORK EXPERIENCE

Paycraft Solution for Kochi Metro Rail Ltd Project
Position: *AFC Engineer I*
Jan 2025 - Present

- ❖ Coordinated with AFC Manager to plan and execute new version deployments of Automatic Gates (AGs), Ticket Vending Machines (TVMs), and Ticket Office Machines (TOMs), ensuring smooth rollouts with minimal downtime.
- ❖ Performed testing activities in both UAT and production environments, covering functional, GUI, and application testing.
- ❖ Conducted manual testing of AFC equipment, identifying and validating system performance issues.
- ❖ Reported and replicated production bugs in UAT environments, working closely with developers to verify and implement fixes.
- ❖ Implemented standardized maintenance procedures to ensure compliance with safety and operational standards.
- ❖ Mentored AFC Team Leaders and Technicians, providing technical guidance and knowledge transfer for smooth field operations.
- ❖ Maintained accurate maintenance and performance records using OMMS, supporting data-driven decision-making.
- ❖ Delivered rapid emergency response support, restoring services and minimizing downtime during incidents.
- ❖ Collaborated with cross-functional teams to monitor and optimize system performance metrics, driving operational improvements.

EDUCATION

- B. Tech in Mechanical Engineering**
2018 – 2021
CGPA: 6.75
- Universal Engineering College, Thrissur**
APJ Abdul Kalam Technological University
- Diploma in Mechanical Engineering**
2015 – 2018
CGPA: 7.9
- Sree Rama GOVT. Polytechnic, Triprayar**
State Board of Technical Education
- THSLC**
2015
PERCENTAGE: 98
- Technical High School, Kodungallur**
Technical Education Department

PERSONAL SKILLS

- ❖ Problem-Solving
- ❖ Attention to Detail
- ❖ Time Management
- ❖ Adaptability
- ❖ Technical Aptitude
- ❖ Critical Thinking

AGS Transact Technologies for Kochi Metro Rail Ltd Project

Position: *Executive Engineer*

Oct 2021 – Jan 2024

- ❖ Led the installation, configuration, and commissioning of AFC equipment, including Ticket Vending Machines (TVMs), Ticket Office Machines (TOMs), Excess Fare Office Machines (EFOs), Add Value Machines (AVMs), card readers, and electrical panels, ensuring seamless integration into the metro network.
- ❖ Coordinated with civil and MEP contractors to validate site layouts, finalize cable routing, and implement system integration plans.
- ❖ Directed preventive and corrective maintenance activities, troubleshooting complex issues to maximize equipment uptime and operational efficiency.
- ❖ Developed and standardized technical documentation, including training materials, operational manuals, and test case reports, improving knowledge transfer and procedural consistency.
- ❖ Oversaw warehouse inventory and spare parts management, streamlining material distribution and reducing equipment downtime.
- ❖ Conducted operator training sessions and provided hands-on technical guidance, ensuring smooth day-to-day AFC system operations.

INTERNSHIP

- ❖ **Cochin Port Trust**, Willingdon Island, Kochi, Kerala
29-Jul-2019 to 02-Aug-2019
- ❖ **Yamaha Cheerans Auto Agencies**
Engadiyoor, Thrissur
26-Jun-2017 to 13-Jul-2017

PROJECTS

- ❖ Design and Fabrication of a Machine for Making Paper from Jute Caddies (B. Tech Project)
- ❖ Overhauling of Shaper (Diploma Project)

PROFESSIONAL SKILLS

DESIGN SOFTWARE

- ❖ AutoCAD
- ❖ Solid Edge

OFFICE TOOLS

- ❖ Microsoft Word
- ❖ Microsoft Excel

TECHNICAL SKILLS

- ❖ Mechanical Design
- ❖ CAD Modeling
- ❖ Drafting
- ❖ Technical Documentation

REFERENCE

Rajesh Sivadas
Project Manager - Paycraft
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Jithu Sabu
Sr. AFC Engineer
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PERSONAL DETAILS

Dob: 05-02-2000
Nationality: Indian
Marital Status: Single
Passport: Yes
Driving Licence: Yes
Languages: English, Malayalam, Hindi