

Lake Orion Community Schools

ATTENTION: Julie Olko, Secretary to the Board of Education

I, Joel Cole, am writing the Lake Orion Board of Education as my letter of intent to apply to fill the vacancy from July 2024 through the certification of the November 2024 election.

Thank you in advance for your consideration,

Joel Cole

Joel I. Cole

PROFESSIONAL SUMMARY

My background includes highly technical fields including aircraft airframe and powerplant maintenance, aircraft communication and navigation systems and equipment (U.S. Navy, Petty Officer 2nd Class), electrical and systems engineering. My career with Stellantis, then Chrysler, started in Product Data Management (PDM) and Change Management first as a Change Specialist processing and assisting with Change Notices (CNs) and later a PDM Analyst building our vehicles in the electronic bill of materials (eBOM). As part of the Electrical Engineering group, I developed Vehicle Functions for connected services, Uconnect applications, core brake systems, and interior/exterior lighting working closely with Architecture, Networking, Functional and Vehicle Integration, and Vehicle Platform teams. My SWX experience includes Managing and prioritizing product backlog for Automotive Software (ASW) as part of STLA Brain, conduct product discovery with end users and stakeholders to establish customer pain points and potential feature development based on documented use cases. As Product Manager, I evangelize Service Oriented Architecture to stakeholders to gain maximum potential of the STLA Brain platform and develop applications and services in close collaboration with solution architects, system designers, application developers, and software team leaders. My strengths include product discovery, story mapping, systems, networking, and diagnostic design meeting customer facing functional objectives and troubleshooting development issues to root cause. Future ambitions include advancement within the product organization.

EDUCATION

Oakland University, Rochester, MI

December 2020

Master of Business Administration

Oakland University, Rochester, MI

December 2014

Bachelor of Science, Electrical Engineering

Embry-Riddle Aeronautical University, Daytona, FL

Transferred

Bachelor of Science, Professional Aeronautics

PROFESSIONAL EXPERIENCE

Stellantis, Auburn Hills, MI

Product Manager

May 2023 – Present

- Conduct product discovery with end users and stakeholders to establish customer pain points and potential feature development based on documented use cases
- Develop applications and services in close collaboration with solution architects, system designers, application developers, and software team leaders

Uconnect Systems Engineer

January 2015 – May 2023

- Develop and implement systems level requirements for connected features such as, but not limited to, Emergency Call, Assist Call, Vehicle Health Report, Fleet Telematics and Service and Quality Data Feed
- Manage audio and telematics process standards used to test vehicle components during key assembly plant stages
- Collaborate with Vehicle Integration and Human Machine Interface departments to ensure system level requirements fulfil planned goals

Product Data Management Analyst

July 2013 – January 2015

- Create and maintain the bill of material in both EBOM and CoDep for an assigned set of vehicles, systems and components by utilizing:
 - Knowledge of upstream as well as downstream organizations, processes and systems
 - Technical data sources such as series cards and bulletins
 - Collaborative working relationships with engineers responsible for component design and release
 - Ability to navigate and expertly update both EBOM and CoDep bill of material systems

Change Specialist

July 2011 – July 2013

- Administer the product change process for an assigned set of vehicles, systems and components in order to:
 - Ensure accurate and timely completion of change notices enabling flawless and timely implementation of assigned product changes
 - Assist release engineers with their tasks necessary to achieve successful implementation
 - Conduct change management meetings for the Model Responsible of my assigned vehicle programs

Prestige Engineering, Warren, MI

Automotive Assembly

March 2011 – June 2011

- Built up various interior automotive components
- Operated within assembly cells
- Packaged and inventoried finished assemblies

Fanuc Robotics, Rochester Hills, MI

Applicator Lab Technician

Summer 2010

- Assembled robotic modules and structures in accordance with standard operating procedures and blueprints
- Calibrated turbines used in the paint heads of paint application robots

FTE Automotive

Automotive Assembly

July 2009 – September 2009

- Functioned as machine operator within part assembly cells
- Assembled brake and clutch master and slave cylinders
- Checked blueprints for compliance within specifications

AFK Designz LLC, Harahan, LA

Owner/Operator

September 2006 – March 2009

- Created and managed screen-printing company named AFK Designz LLC of Louisiana
- Operated equipment in the production of clothing articles with customer artwork using photosensitive silk-screening methods
- Conducted customer sales and relations
- Managed government compliance and financial accounting

U.S. Navy, New Orleans, LA

Metrologist

March 2003 – March 2008

- Supervisor of avionics calibration and repair facility managing five technicians
- Experienced in the use, calibration and repair of radar and radio communication equipment and related support equipment
- Experienced in the use, calibration and repair of precision measuring equipment, general purpose electronic test equipment, dimensional, torque, flow, temperature, and pressure equipment and standards
- Total inventory of equipment exceeds 3,000 pieces of gear and support equipment

HONORS, AWARDS, AND CERTIFICATIONS

- Military medals and ribbons include the Armed Forces Service medal, National Defense Service medal, Global War on Terrorism Service medal, Navy Good Conduct medal, Navy Expert Rifleman ribbon, and Navy Sharpshooter Pistol Shot ribbon
- Letter of Commendation for sustained operations including the movement of 23 million pounds of cargo and 88,000 troops in support of the relief and recovery operations for hurricanes Katrina and Rita
- Professional certifications include Federal Aviation Administration's Airframe and Powerplant certification and the Federal Communications Commission's General Radiotelephone Operator License with Ship Radar Endorsement