Richard Schleckser

    Renton, WA 98059

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**Professional Summary**

I’m an experienced Avionics Technician with a blend of skills in aircraft maintenance, software integration, and web development. Over 10 years in the aerospace industry working on a variety of aircraft models performing modification, integration, and repair. Proficient in building scalable web applications. Strong problem-solving and leadership capabilities, with additional background in teaching and mentoring. Adept at transitioning complex technical concepts into practical solutions.

**Work History**

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| 11/2019 to Current | Avionics Technician  Boeing – Seattle, WA   * Performed critical line maintenance and troubleshooting on 737-MAX wiring and electronic flight control systems * Executed Service Bulletin and Airworthiness Directive modifications and repairs to avionics systems, ensuring compliance with FAA regulations * Conducted software integration and verification, ensuring seamless functionality of avionics systems within aircraft * Complied with customer requirements for software integration and configuration, maintaining strict adherence to project specifications * Collaborated with engineering teams to diagnose and resolve complex issues affecting flight-critical avionics components * Conducted system tests and validations using advanced diagnostic equipment to ensure aircraft safety and operational readiness * Provided training and guidance to junior technicians on proper maintenance techniques and procedures * Utilized schematics, diagrams, and technical manuals to perform system checks, validations, and repairs on advanced aircraft components. |

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| 11/2018 to 03/2019 | Aircraft Mechanic  Aerotek – Tampa, FL   * Conducted scheduled maintenance and unscheduled repairs on King Air 300/200 aircraft * Performed troubleshooting, system diagnostics, and component replacements on aircraft systems, including engines, hydraulics, and avionics * Worked closely with maintenance control to address discrepancies and ensure all work was completed within required timeframes * Maintained detailed maintenance logs and documentation, ensuring accuracy for audits and regulatory compliance. |

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| 08/2018 to 10/2018 | Aircraft Mechanic  Matthews Aviation – Mobile, AL   * Conducted MRO (maintenance, repair, and overhaul) services for FedEx Airbus 300-600 aircraft * Performed airframe and powerplant inspections, troubleshooting, and repairs to ensure continued airworthiness * Worked in a fast-paced MRO environment, coordinating with other technicians to meet tight deadlines while maintaining high-quality standards * Ensured all repairs and modifications were completed in accordance with FAA regulations and manufacturer guidelines. |

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| 08/2017 to 08/2018 | Science, Math, Language Arts Teacher  George Washington International School – Tuy Hoa, Vietnam   * Developed and delivered engaging lessons in Science, Math, and Language Arts to students of various ages and learning abilities * Taught in new and developing area of the country where Math and Science where taught in English for the first time. * Implemented interactive teaching methods to encourage critical thinking and problem-solving skills * Collaborated with fellow teachers to develop interdisciplinary projects and activities. |

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| 06/2016 to 07/2017 | Crew Lead  SkyWest Airlines – Chicago, IL   * Managed team of mechanics in Chicago O'Hare (ORD) hub, ensuring efficient assignment of workloads and manpower * Assisted mechanics in troubleshooting complex maintenance issues on CRJ 200/700/900 and Embraer 175 aircraft * Coordinated closely with line supervisors to prioritize urgent repairs while ensuring aircraft were returned to service promptly * Provided leadership and mentorship to junior mechanics, fostering a collaborative and efficient work environment * Conducted safety briefings and ensured compliance with all FAA and SkyWest SOP. |

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| 02/2015 to 06/2016 | A&P Mechanic  SkyWest Airlines – Chicago, IL   * Performed both hangar and line maintenance on SkyWest's CRJ 200/700/900 and Embraer 175 fleet * Diagnosed and repaired mechanical and avionics systems, ensuring aircraft were safe and airworthy * Assisted in emergency repair situations to ensure timely aircraft departures, working under high-pressure environments * Collaborated with flight crews and operations teams to communicate maintenance issues and solutions effectively. |

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| 06/2014 to 03/2015 | A&P Technician  American Eagle / Envoy – Chicago, IL   * Conducted line maintenance on Embraer 140/145 and CRJ 700 aircraft, performing pre-flight and post-flight inspections * Repaired and replaced malfunctioning components, including engines, avionics, and hydraulic systems * Coordinated with flight crews and maintenance control to identify issues and provide timely solutions to ensure safe flight operations * Maintained up-to-date knowledge of technical manuals, service bulletins, and FAA regulations to ensure all work met regulatory and safety standards. |

**Aircraft Skills**

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| Schematic reading |  | Component Testing |
| Flight Control Systems |  | System Troubleshooting |
| Electrical wiring repair |  | Navigation Systems Expertise |
| System modification |  | Effective Communication |
| Integration Testing |  | Troubleshooting Mechanical Systems |
| Software Installation |  | Willingness To Learn |

**Coding Skills**

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| **Frontend Development:** React, TypeScript |
| **Backend Development:** Node.js, Express |
| **Database Management:** PostgreSQL |
| **Web Design:** Material UI, Bootstrap |
| **Version Control:** Git, GitHub |

**Education**

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| Expected in 12/2024 | Associate of Science: Computer Science  Grantham University - Lenexa, KS |

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| 04/2014 | Avionics Technology  National Aviation Academy A & P School - Clearwater, FL |

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| 06/2012 | High School Diploma  Robinson High School - Tampa, FL |

**Certifications**

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|  | FAA Airframe & Powerplant Certification: 3708742  FCC Marine Radio Operator Permit: 0022985634  FCC General Radiotelephone Operator License: 0022985634  FCC Radar Endorsement: 0022985634  Aircraft Electronics Technician (NCATT): 3914 |

**Portfolio**

**LinkedIn**: https://www.linkedin.com/in/richard-schleckser-b4808487/

**Portfolio**: https://rschleckser.github.io/richSchleckser.github.io/

**GitHub**: https://github.com/rSchleckser