
DIAGNOSTIC ENGINEER RESUME

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Career Goal:

Looking for a challenging career as a Diagnostic Engineer in a prestigious organization where I can promote my skills in debugging software in a real-time, embedded, and multi-processor environment.

Technical Skills:

Familiarity with protocols:

- Ethernet
- FCoE
- TCP/IP
- SNMP

Technically skilled in operating systems:

- Linux
- UNIX

Sound knowledge of automotive diagnostic protocols:

- J1939
- UDS
- KWP2000

Well-versed in source control systems:

- CVS
- SVN
- Git

Strong capability to perform:

- Vibration analysis
- Fault diagnosis
- Condition monitoring and evaluation

Proficient with reference standards:

- API
- ISO

Adept in Vector CAN tools:

- CANoe
- CANalyzer
- Diva
- Geny

Expertise in software modules:

- Low Level HW drivers
- Bootloaders
- Diagnostics
- Fault handling

Relevant Experience:

Diagnostic Engineer
Innovative Logic Inc.
January 2012 – Present
Irvine, CA

- Implemented and evaluated customer campaigns and programs.
- Formulated methodologies for diagnostic and fault tracing of vehicles.
- Executed fault tracing plans and test methods for graphical programs.
- Maintained and documented diagnostic methods with Fault tree authoring.

- Analyzed engineering data sources and formulated manufacturing specifications.
- Suggested new special tools and methods and tested system functionality.
- Installed and tested methods and monitored MFR in production systems.
- Supported desktop support services and reviewed board hardware designs.

Diagnostic Engineer
Blue Coat Systems
November 2010 – January 2012
Boxborough, MA

- Administered repair stock levels and suggested on shortage to engineering staff.
- Managed and validated test equipments and any tooling as per release standard.
- Created test fixtures and system production aids.
- Trained other operation team members with diagnostic sessions.
- Participated in design reviews and developed bolometer and imaging diagnostics.
- Generated and reviewed diagnostic reports and provided technical advisory services.
- Designed and developed solutions and optimized neutron shielding.
- Monitored control systems and RM & D database standards at site.

Educational Background:

Bachelor's Degree in Computer Science
Grove City College
August 2006 – May 2010
Grove City, PA

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