David Allan Black

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Technology Management, Product Development, Mergers / Acquisitions

Innovative, business savvy technology director with extensive experience in project management, systems and software engineering, product design and architecture, and real-time/embedded applications development. Proven ability to identify cutting-edge solutions that meet corporate requirements through the assimilation of apparently disparate technologies. Demonstrated expertise in cultivating exceptional talent resources by delivering on-the-job coaching and facilitating career development opportunities. Inspirational leader with exceptional communication and facilitation skills.

Core Competencies – Leadership

Executive Liaison ● Strategic Planning ● Stakeholder Engagement
People Management ● Financial Management ● Management Consulting

Core Competencies – Technology

Business Case Development ● Systems Analysis ● Design & Architecture
Applications Development ● Technology Evaluation ● Systems & Software Engineering

Core Competencies – Business

Operations Management ● Building Strategic Alliances ● Mergers & Acquisitions
Contract Negotiations ● Project Management ● Market / Trend Analysis

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SEON DESIGN INC   **2009 TO PRESENT**
Director of Technology   **Coquitlam, BC**

- Responsible for providing inspirational leadership in managing the day-to-day operations of the product management group while delivering strategic guidance and support to the executive team.

- Championed the re-engineering of the corporate business model through the development and implementation of an innovative enterprise-class software solution that transformed the company's financial situation.

- Spearheaded the development of the software as architect and product manager which involved: customer requirements gathering, systems design, hardware sourcing, and identifying highly capable project partners drawn from an international talent pool.

DAVID BLACK & ASSOCIATES   **2007 TO 2009**
Consultant   **Delta, BC**

- Leveraged extensive business and technology expertise to deliver management consulting services to technology firms and independent medical practitioners.

HONEYWELL VIDEO SYSTEMS   **DEC 1999 TO 2007**
Software Engineering Manager   **Surrey, BC**

Initially hired as an embedded software engineer and quickly progressed through the company to product & system architect, manager of the software engineering group, and director of engineering.

- Delivered strategic advice and guidance to company executives, including the president, CFO, and director of engineering in matters relating to product development, technology evaluation, and corporate acquisition.

- Specialized in developing solutions to meet complex client specifications by identifying available technologies and formulating innovative technology assimilation initiatives that deliver desired outcomes.

- Led the specification, design and development of various embedded smart camera products ranging from the C50 Integrated Recording Camera to the FareView TAXI security system and the digital school-bus audio/video recorder.

- Collaborated with a cross-functional team of professionals on various technology evaluations, business case developments, vendor specifications, engineering process developments, and electrical/software systems designs.

MOTOROLA   **JUL 1996 TO DEC 1999**
Senior Software Engineer   **Richmond, BC**

- Led the software team and acted as the product/software architect on the development of a next-generation data base-station employing the RD-LAP radio protocol.

- Contributed to the full-cycle development of the product from requirements specification and design, through to final implementation.

- Conducted board-level programming (68360-based digital section) and all activities related to product/system architecture and design.

TELOS ENGINEERING LTD   **AUG 1993 TO MAR 1995**
Project Leader / Lead Engineer   **Richmond, BC**

- Led a team of software and radio-telecomm engineers in the analysis, design, and development of a state-of-the-art cellular-radio telecommunications base-station.

- Spearheaded the delivery of the system to market in just over one year by developing a strategy that involved building the cellular base station with switch in-house, and leading a team of engineers through the execution of all project deliverables.

Additional Employment History

David Black & Associates – Computer Programmer / Analyst (Dec 1987 to Aug 1993)

Softek Services Ltd. – Computer Scientist (Dec 1987 to Jun 1989 & Sept 1990 to Aug 1993)

Transport Canada – Air, Pacific Region – Air Traffic Controller (Jun 1989 to Sept 1990)

HAL Technologies Corporation – Technical Manager / Chief Scientist (Aug 1985 to Nov 1987)

Education

- Faculty of Science, Major: Computer Science – University of British Columbia (1981)
- College Foundations Program – King Edward Community College (1979)

Technologies

- Fluent in modern and legacy software development environments, frameworks, and languages.
- Experienced in environments ranging from UNIX and LINUX (embedded and otherwise) through real-time operating environments like pSOS, uCos, OS/9, QNX, MTOS and others.
- Development and Leadership experience of projects in web-based frameworks such as TomCat, Java, and PHP.
- In-Depth knowledge of networking and communication protocols from TCP/IP through X.25, HDLC, and even low-levels protocols like biSync.
- Strong working knowledge of database systems ranging from mySQL and MSSQL to Oracle.
- Experience in low-level (assember) development and bring-up of Micro-Controllers.
- Excellent understanding of digital and analogue electronics, telecommunications and telephony, real-time engineering, and high-performance digital graphics.

Volunteer & Community Experience

- **Air Time Canada** – Director of Air Time Canada (http://www.airfun.org), a non-profit organization helping teenage youth to develop self-esteem and leadership skills

Computer Skills

- Excellent working knowledge of most major packages available for IBM-standard micro-computers, including: MS Project, MS Word, MS Excel, and various professional graphics and video-processing applications.

References available upon request.
Also see the web-site: www.davidallanblack.com