KEN MACPHERSON

331 Central Parkway, Warren, OH 44483

Senior Developer / Systems Delivery / Enterprise System Architect

Breadth of extensive experience and results-oriented technical lead as enterprise Senior Architect-Developer, Ken MacPherson has demonstrated a track record of hands on end-to-end delivery of Internet Web n-tier technology inclusive of coding, requirements gathering, system selection, implementation, support, strategy, policy, and inspiring personnel, all of this conducted in variety of industries and situations. A unique ability to bridge the chasm between everyday people's needs and the intense complexities of information technology, Ken MacPherson's detailed understanding of technology by example, actual performance, good communications, and creative thinking by involving the simultaneous integration of budget constraints, project deadlines, resources, and end user needs to fulfill institutional objectives for reliable, faster, and helpful services.

Technical Skills and experience include:

- 10+ years Web application development
- 10+ years Java/J2EE, python, other programming
- 10+ Yrs AJAX, jQuery, javascript, DHTML, CSS
- 3+ Yrs Angular, bootstrap, NodeJS,
- 6+ years .NET Visual Studio C# ASP
- 10+ years SVN, CVS, GIT, gitlab
- 10+ years MVC, ORM, OOAD, Agile, RUP

- UNIX: Shells, scripts, audits, patching
- AMPQ, Kafka, Oracle AQ, IBMMQ, MS-MQ
- 10+ years Oracle DB (any sql DB) tuning & Dev
- 10+ yrs Devops, Jenkins, docker, Buildpack CI/CD
- 10+ yrs Springframework MVC, boot, data, Grails
- 10+ years SQL, PLSQL data DDL, DML, DCL, TCL
- 10+ years server troubleshooting & profiling

CAREER EXPERIENCE

Spontaneous Organization, Founder, Warren, OH, 2011 – Present　　　　　　　　**Technical Lead**

Technical consulting engagements for ERP, CRM, IoT, Hosted SaaS, dev-ops and variety of software related functions for various verticals.

- ➢ Micro-services architecture deployment CloudFoundry SpringFramework, AngularJS, NodeJS, ElectronJS
- ➢ Social Media, Twitter integration using Python, image management in a cloud hosted SaaS solution
- ➢ Computer Vision driven banking kiosk, .NET MVC Front back + Angular, responsive design
- ➢ Spring Security crosscut for banking 2FA and one factor transfer approval
- ➢ Grails web app (Spring based) sms, google maps web app development platform, Jquery-UI + bootstrap

Manuvis Corp, Painesville, OH, 2012　　　　　　　　**Technical Lead**

Enterprise Service Bus (ESB), SOA, J2EE, Sonic MQ JMS, web services (REST & XML), real complex event processing (CEP) Apama, doing enterprise business for capital markets, trading, auditing, and compliance.

First Communications, Fairlawn, Ohio, 2011　　　　　　　　**Technical Consultant**

Hands-on technical-operational for development and system administration in Java, Perl, Linux, Solaris, and Windows .NET asp environment, Linux systems support and C# Visual Studio Development for organization, design and implementation of accounting CRM commissions system with complex ERP integration and AS400.

CampusEAI Consortium, Cleveland, Ohio, 2004 – 2011　　　　　　　　**Technical Lead**
Hands-on technical-operational leadership for development, support and infrastructure of J2EE Tomcat Open Source and Oracle OC4J/Weblogic portal platform doing enterprise middle ware integration for Microsoft Sharepoint, mainframes, Exchange, Oracle, Mirapoint) to implement cost effective solutions to improve consumer's experience

in teaching and learning. SAML2, SSO, JSR-168, Spring, Maven, Hudson, LDAP, JDBC, XML Web services, and host of complex technical solutions built in a cloud environment for over 100 deployed production customers with combined user base of over 11 million visits per month.

➢ Spearheaded implementation of user centric advanced technology improving retention and institutional image
➢ Team Lead and developer for Java/J2EE development team of 19 people in India, North America, and various other locations for development of 100s of Java based integration modules.
➢ Java development using Oracle's JDeveloper and Eclipse, using plug-ins for SVN, Maven, UML, and custom integrations for glassfish and other j2ee servers (Tomcat, JBOSS, WebLogic)
➢ Extensive leveraging of existing Open Source solutions like HTTPCLIENT, Rhino, and Derby/HSQL DB for component modular stand alone based development.
➢ Strategically and tactically built organization from ground to global higher education leader

Oracle Corporation, Redwood Shores, California, 1998 – 2004   **Senior Principal Consultant**
Lead an advanced technology team working with clients and development to discover, evaluate, troubleshoot, project manage, deploy, and support various emerging technologies from Oracle. Worked with many Fortune 50 companies, SMB, government, and higher education to design, engineer, implement various innovative systems for customer service, business process improvement, and enterprise service management using Oracle's application and technology platforms.

➢ Top Global consultant for world-wide organization in Q3 2001
➢ Developed and delivered first Java XML parser and first message based Queuing solution for ERP integration
➢ Lead and mentor of field customer facing on-site support and delivery for Oracle North America
➢ Led first iStore implementation for Honeywell, Java customizations for integration.
➢ Developed AQ messaging pub-sub Java middle ware product from Oracle (uBid, MOTB, 2 other international clients in Europe and Brazil) this was 2 years before Oracle had a product to sell.

Quikey Computer Systems, Akron, OH, 1992 – 1998   **VP of Sales and Consulting**
Lead the sales and consulting team of a small technology startup company, which specialized in business management software for advertising promotional products industry. Instrumental in the development, delivery, and implementation of all purpose general business management software for accounting, warehouse, customer service and CASE (Computer Aided Software Engineering) tools using object oriented programming techniques.
Key Achievements:

➢ Startup situation from few customers to over 100 and 200% increase in sales and business.
➢ Administration of organization, accounting, budgets and overall management of organization

Corrpro-Harco Engineering, Medina, Ohio, 1991-1992   **International Engineer**
Engineering and operations for Saudi Arabian and world-wide customers for corrosion engineering.
➢ Supported Saudi Arabian operations for ISO-9000 QC/QA & engineering

Maccom, Cleveland, Ohio, 1985-1991   **Self Employed Engineering Consulting**
Consulting for IT, technology, and engineering solutions for various university and technology businesses customers.

EDUCATION, AWARDS, ACCOLADES

Case Western Reserve University (CWRU), B.S., Materials Science and Engineering, Accounting and Economics
Cleveland State University (CSU), MBA program
Oracle Global Security Advisory Board (2005-2011)
OASIS XML (UN Sponsored standards committee) on WSRP and WSIA (Web Services Integration)
Using XML in the Enterprise, Pharmaceutical Technical Discussion Forum
Oracle Open World 2000, San Francisco, CA Re-intermediation of the Enterprise
Rotary International, Paul Harris Fellow & Eagle Scout, Boy Scouts of America