

ian@planetbuilders.co.uk

07990 572842

Full CV at <http://www.planetbuilders.co.uk/cv/>

With over 35 years of experience in the fields of Software Development and Systems Engineering, I have a wide range of IT and related technical and soft skills. I am customer focused and well versed in business issues, having performed roles spanning; system and platform architecture, software design, development, delivery, pre-sales, support, and customer-liaison.

I have worked for product and service/supplier organisations, and within group sizes ranging from only myself through small and large teams. I am self-reliant and experienced in managing, training, and mentoring other staff members.

**2016-** Architect and Tech Lead – News UK. Leading the design and build of a new digital platform for one of News UK's top tier web titles, implementing development process and Dev Ops transformations.

- Platform architecture design.
- Resiliency, performance, and availability design.
- Modern mobile-first web architecture with PWA/SPA elements.
- Dev Ops transformation, the implementation of modern development practices such as CI/CD.
- NodeJS and React framework and component libraries.
- API and distributed architecture design.

**2016-2016** SRE – Bloomberg LP. SRE within the Market Data Feeds team. Automation, tooling, and tactical support for ingestion of securities and other trading data into the Bloomberg Terminal.

- Feed deployment and validation tool development (Python, Shell scripts) and integration with proprietary package and deployment processes.
- Feed monitoring tool development, integration with proprietary monitoring tools.
- High level support and outage management with business incident team

**2014-2016** Integration/Architecture Consultant – The Financial Times. Providing integration and application/platform architecture and design services, consultancy and high-level support. Primarily to the "membership" division - working on a ground-level-up replacement for the membership and subscription stack – however also consulting for other teams within the FT. This has included the design and implementation of highly available cross-region services, helping to build empowered "Dev Ops" teams, and creating and implementing modern development practices and workflows.

- Infrastructure design and build (AWS, VMWare, Cisco UCS, RedHat Linux, Amazon Linux)
- Resiliency, performance and availability design.
- Scalable databases and messaging (Cassandra, Kafka, Zookeeper)
- Scalable micro services (Java, Dropwizard, NodeJS)
- Continuous deployment (Jenkins, custom workflows)
- Automatic infrastructure builds (Puppet, Ansible)
- Tool and automated process development (Python, Go, Shell scripts)

**2013-** Architect – News UK (News International). Providing systems and infrastructure architectural consultancy and design services to a 4-year transformational project which had a remit to re-design News UK's publishing infrastructure to make it truly multi-channel and future-proof.

- Architecture design/implementation
- Solutions design
- Resiliency, performance and availability design.
- Content Management Systems (Methode)
- Digital Asset Management Systems (OpenText CHP)
- Video workflow, transcoding, and playout (Ooyala)
- Technical consultancy and project support
- Performance monitoring design and support

**2011-** Technical Director – [Mindings](#). Architect and co-designer of the Mindings service, responsible for taking it from a concept to a market-ready product.

- Architecture design/management
- Feature design, including integration of new content sources/social-media platforms
- Management of outsourced developer team members
- Design of internal support structure and tools; monitoring, revision control, deployment
- Overseeing all technical work

- Linux, Rackspace Cloud
- Apache
- MySQL
- PHP, Perl
- HTML, CSS
- Javascript/jQuery
- Drupal, Wordpress
- Social media (Facebook, SMS Gateway, OAuth, and others) APIs, XML, JSON

**2008-2011** Content-management system designer and developer for the [Financial Times](#), performing architecture design/development work and high-level (tier 3) support for Newspaper and web Content Management Systems as well as content and integration services.

- Supplier liaison
- Architectural planning
- Project Management support
- Customer liaison
- In-house developer mentoring and cross-training
- DR / business continuity planning, implementation, and testing
- Solaris
- Tomcat, Apache
- Java, CORBA, Java tools/libraries
- Perl/Shell scripting
- Anthill

**2004-2008** Web/IT consultant and freelance software developer.

- Project analysis, planning, and delivery
- Client liaison
- Apache
- PHP
- MySQL
- HTML, CSS
- Javascript/jQuery
- Video ingest, encoding/transcoding and post-processing

**2002-2004** Senior Support/Pre-sales Technical Specialist – [Yahoo! Europe](#) (Post Inktomi acquisition)

- Pre-sales technical consultancy
- Sales-engineer/support work
- Implementation support – assisting/training customers' own developers
- Customer account management
- Application/Architecture design
- Performance optimisation and troubleshooting
- Apache
- PHP, Perl

**2001-2002** European Technical Support Manager – Inktomi Ltd

- Team-management
- Team lead and mentoring skills
- All of the skills referred to in the 1999-2001/2002-2004 sections

**1999-2001** Technical Support Engineer for Inktomi Ltd

- Solaris
- Linux
- Customer support
- Pre-sales support and customer liaison
- Solution design and implementation
- Trouble-shooting and performance optimisation
- Apache
- Perl
- PHP

**1996-1999** Internet design, implementation, and support specialist – [The Royal Borough of Kensington and Chelsea](#) ("RBKC")

- Open Systems platform/protocol planning and deployment
- Intranet and network server design and development
- Gateway design and integration of mainframe systems to open systems
- Linux
- Apache
- Perl
- Shell scripting

**1993-1995** Unix/IP network design, development, and lead support – RBKC

- System installations, upgrades, sysadmin tasks
- Problem resolution
- System tool development
- IP network design and implementation
- IP network support
- IP to SDLC gateway design and implementation

**1990-1992** Systems development, designing/developing extensions to IBM's CICS and VTAM transaction processing systems – RBKC

- VM, VSE, CICS, VTAM
- Application design
- Security design

**1989-1990** Systems administrator and Technical Support specialist, managing local government IBM mainframe server farm – RBKC

- IBM Mainframe software installation, support
- IBM Mainframe systems administration
- Systems architecture design
- SNA/SDLC network management and support
- OS tool and utility development
- Customer support

## Skill Set for Ian Pleasance

### Platforms

#### *AWS*

- Certifications
  - **Certified Solutions Architect - Associate**
  - **Certified Developer – Associate**
  - **Certified SysOps Administrator - Associate**
- Compute
  - EC2
  - Lambda
- Storage & Content Delivery
  - S3
  - CloudFront
- Database
  - RDS
  - ElastiCache
- Networking
  - VPC
  - Route53
- Management Tools
  - CloudWatch
  - CloudFormation
  - CloudTrail
- Security & Identity
  - IAM
- Application Services
  - API Gateway
  - SQS
- Deployment and developer tools
  - Elastic Beanstalk
  - Elastic Search

#### *Unix*

- Linux - Physical, virtual/partitioned, and cloud infrastructure – Highly experienced
- Solaris - Physical hardware and containers – Medium experience
- FreeBSD, AIX/6000 and AIX – Limited-medium experience

#### *Databases*

- MySQL/MariaDB – Medium to highly experienced
- Cassandra – Medium to highly experienced
- Postgres, Versant, Adabas, MSSQL – Medium experience

#### *Windows*

- Windows 8, 7, Vista, XP, Server – Highly experienced

#### *Macs*

- OSX, PPC and x86 – Medium experience

#### *Virtualisation/Cloud*

- Bytemark, Rackspace and other "cloud" Linux providers – Highly experienced
- Amazon AWS – Highly experienced. See separate section
- User Mode Linux, Xen – Medium to highly experienced
- Solaris containers, P2V – Medium experience
- Docker and other containers – Medium experience
- VMWare – Medium experience
- Heroku – Medium experience

#### *IBM Mainframes*

- IBM, Amdahl, and Hitachi boxes – Highly experienced
- VM: HPO,XA,ESA; SMART, Dirmaint, GCS, ISPF, TUBES, CMS, TCP/IP, RSCS, EREP, DSF – Highly experienced
- VSE: SP and ESA; POWER – Highly experienced
- CICS: SP and ESA – Highly experienced
- VTAM: VTAM itself, NCP, EP, SSP – Highly experienced

#### *Java*

- Oracle JRE/JDK, OpenJDK – Medium to highly experience

- Eclipse – Medium experience
- Java development – Medium experience

#### *Storage, clustering/high availability*

- Veritas VCS – Medium experience
- Veritas VxVm – Medium experience
- EMC/Clariion – Limited experience
- EMC/DMX with EMC/SRDF – Limited experience

#### Development Languages

- Python – Medium experience
- PHP – Highly experienced
- Perl – Highly experienced
- Javascript, JQuery – Highly experienced
- Java – Medium experience
- HTML, CSS - Highly experienced
- XML, XSL, XHTML - Highly experienced
- Unix shell scripting (bash, ksh, and others), TCL – Highly experienced
- C, C++ - Highly experienced
- Modula-2, Pascal - Highly experienced
- IBM 370/390 assembler, REXX, COBOL - Highly experienced
- 80x86, 68000, 6502/z80 assembly languages - Highly experienced
- NodeJS – Medium experience
- Visual Basic, Visual C/C++ - Medium experience

#### Monitoring

- Zabbix – Highly experienced
- Nagios – Medium experience
- BMC/Patrol – Limited experience
- Cricket/RRD – Highly experienced

## Internet and "Open systems" communications

### *TCP/IP, Routing, Firewalls*

- Network planning and topology design, installation/monitoring. Use of equipment by Netgear, Bay, Cisco, HP, amongst others – Medium to highly experienced.

### *HTTP servers*

- Apache 1/2, mod-perl, mod-ssl – Highly experienced
- Tomcat 5-7 – Highly experienced
- thttpd, lighttpd – Medium experience
- nginx – Medium experience

### *Network appliances*

- JetNexus – Medium experience
- Cisco CSM, 3DNS – Medium experience

### *HTTP caches, proxies, load balancers*

- Varnish, Squid, Pound, Traffic Server, MS Proxy Server, Amazon Elastic Balancer, a variety of others – Highly experienced

### *eMail servers*

- sendmail, exim, qmail, majordomo, mailman, postfix, and others – Highly experienced

### *Application Protocols or content-carriers*

- HTTP, HTTPS, HTML, XHTML, XML, XSL, CSS, FTP, SMTP, JSON, many others – Highly experienced

### *Telephony and VoIP protocols and software*

- TDM, Analogue/PSTN, Carrier Banks, SIP, IAX, H323, SCCP, Asterisk, SER

### *Carrier Protocols and layer 2 technologies – Medium experience*

- Ethernet, Gigabit Ethernet, FDDI, SNA – Medium experience

## Mobile Devices and operating systems

- Apple iPhones/iPads; IOS – Medium experience of developing IOS-centric applets.
- Android, including medium-level Android development experience
- Symbian phones, Nokia S60V3 and others – medium level development experience
- PalmOS - medium level development experience

## Social Media integration

- Facebook, Twitter, OAuth, Mobile phone (SMS/MMS) API integration – Highly experienced

## Publishing and Content Management

- Wordpress – Highly experienced
- Drupal 6, 7 – Highly experienced
- Méthode – Highly experienced
- OSCommerce – Highly experienced

## Code and change management

- Anthill Pro – Highly experienced
- Subversion – Highly experienced
- CVS, ViewVC – Highly experienced

## Project management/methodologies

- Agile/Scrum – Highly experienced
- Waterfall – Highly experienced

## Soft/management skills

- Team management – Highly experienced
- Team lead/mentoring – Highly experienced
- Support/telephone skills training – Highly experienced
- Technical project lead – Highly experienced

## Media Production

- Video: Sony prosumer/broadcast video cameras – Highly experienced
- Photography: Canon prosumer still cameras – Highly experienced
- Lighting: Pag lights – Highly experienced
- Sound: Sennheiser, Beyer microphones – Highly experienced
- iLife, Final Cut Pro – Highly experienced
- Adobe Premiere Pro, After Effects – Highly experienced