

Curriculum Vitae – Craig Handley

General

Name Craig Handley
e-mail mr.craig.handley@googlemail.com
Address 11, The Croft, Cheslyn Hay, Walsall, Staffs, WS6 7QB
Telephone 07866 911100
GitHub <https://github.com/craig-handley>
Website <https://craig-handley.github.io/craig-handley>

Work Experience

2013 - present Click Travel Ltd

Senior Software Engineer / Engineering Team Lead

I currently work as a full stack senior software engineer, designing and developing services that form part of a framework for enterprise applications backed by Amazon Web Services using domain driven design. Bounded contexts are realised as micro services which are integrated using an event-driven architecture and expose a RESTful API. Services are created using Java and Node with a front end written in AngularJS and Elm.

- Introduced a culture of unit testing into the department as previously was not considered a priority or necessity.
- Had sole responsibility for the mentoring of a junior developer, performed code reviews of all committed work, held training sessions for my junior as well as other juniors within the department and was initial point of contact for any questions / issues that arose.
- Reengineering our legacy applications from Web Objects based over to a SOA based system using RESTful web services.
- Designed and implemented a communication layer to replace all the current ways in which email, fax, sms and ftp were handled across all of our platforms, this enabled full traceability of communications and automated retries of failed artefacts.
- Work undertaken using the agile methodologies Scrum and Kanban.

2012 - 2013 Celesio Group (UK)

Development Lead

I managed a team of 6 permanent developers / senior developers. My responsibilities were in designing, developing and supporting software solutions, ensuring that these solutions are fit for purpose and sustainable in the long term. Also to manage the performance of a group of IT colleagues and develop their capability to fulfil their potential and deliver the organisation requirements of the system strategy.

- Responsibility for the design of software solutions, in line with technical and application architecture standards.
- Identify and drive through the development of software fixes to issues identified during testing or usage in production.
- Take ownership for issues and opportunities raised by the development team.
- Provide advice, guidance, mentoring and coaching to team members and less experienced staff.
- Provide quality assurance of development solutions and re-direct as necessary to required standards.
- Provide accurate task / time estimates to the project manager.
- Develop software enhancements / solutions in line with agreed design.
- Co-ordinate and take responsibility, for software development aspects of progress reports.
- Contribute to the implementation of solutions helping to ensure the success of the project when it moves into production.
- Ensure knowledge gained during the development of the project is shared with all relevant parties.
- Manage the performance of a group of IT colleagues and develop their capability to fulfil their potential and deliver the organisation requirements of the system strategy.

2010 – 2012 **Lloyds Pharmacy Ltd**
Clinical Systems Development Manager

I managed a team of 7 permanent and 2 contract developers. I was responsible for the delivery of several store side, thick client Java applications (using the Scrum agile software development methodology) and a wide variety of application based at our head office created with various technologies. Developing, coaching and mentoring direct reports. Creation of personal development plans, setting of objectives and appraising.

- Ensuring that the development parts of projects were delivered to a high standard and on time.
- Held the role of scrum master. I lead meetings, ensured the process was followed, removed impediments and protected the development team from disruption.
- Was responsible for merging multiple branches of Java code from a variety of sources and resolving any conflicts that arose.
- Took a lead role in the knowledge transfer and ongoing management of our third party development partners who are based in India.
- Developing, coaching and mentoring direct reports. Creation of personal development plans, setting of objectives and appraising.
- Monitor, review and feedback on processes, taking action on any issues to improve them.
- Assistance in defining the users' statement of requirements and on-going elaboration.
- Responsible for recruitment and selection of staff for the department.
- Co-ordinate the allocation of team members to projects.

2000 – 2010 **Lloyds Pharmacy Ltd**
Developer / Senior Developer

Duties consist of designing, testing and implementation of bespoke software systems for over 1600 Lloyds Pharmacy stores in the UK, AAH Pharmaceutical warehouses and internal Management Information Systems. Working on RDBMS, utilities, reporting, financial, data collection and warehouse systems using MS Visual Basic, MS Access, MS SQL Server, Java and JSP.

- Design and implementation of RDBMS, utilities, reporting, financial, data collection and warehouse systems using MS Visual Basic, MS Access, MS SQL Server, Java and JSP.
- Responsible for the conversion of the company's databases from MS Access to MS SQL Server.
- Optimisation of daily schedules for the import and export of data from pharmacy stores.
- Took the lead role in conversion of MS Access / MS Visual Basic applications running on Windows NT platform over to Java applications running on Windows 2000 and IBM AIX.
- Held an out of hours support role for the division to monitor overnight runs of applications providing data to / receiving data from our retail outlets.
- Creation of a product maintenance system for our flagship London branch 'John, Bell & Croyden'
- Took lead development role in the Lloyds' NPfIT Electronic Transfer of Prescription project to enable e-script usage within the Lloyds Pharmacy estate.
- Development of thick client Java applications to allow prescriptions to be dispensed and services to be carried out within our retail estate.
- Created a communication application that connects each retail store to a data centre to handle the transfer of XML messages via IBM WebSphere MQ.

2000 **Midland & General Direct Ltd**
Analyst / Programmer

Design and implementation of RDBMS using Omnis (Cross Platform, Object Oriented, 4GL RAD tool) front end to MS SQL Server 7 back end. Responsible for the conversion of the company's databases from Omnis 7 to Omnis Studio. Development of Call Centre, Help Desk and Computer-Telephone Integration systems.

- Design and implementation of RDBMS using Omnis (Cross Platform, Object Oriented, 4GL RAD tool) front end to MS SQL Server 7 back end.
- Responsible for the conversion of the company's databases from Omnis 7 to Omnis Studio .
- Development of Call Centre, Help Desk and Computer-Telephone Integration systems.

1998 – 2000 **WS Atkins Defence Services Information Systems**
Analyst / Programmer

Development of planned maintenance, stores handling, sub contractor and work registration systems using MS Access and Visual Basic. Worked closely with the company's business analyst, visiting sites nationwide and attending meetings to discuss and finalise projects. In charge of setting up and maintaining the original hardware and software for pilot sites. Worked in Kosovo, setting up several NT Server networks for the British Armed Forces and also responsible for the training of the managerial and administration staff on the use of the system. Worked as part of a telephone helpdesk team for the sites, dealing with hardware, software and training issues.

- Design and implementation of RDBMS using MS Access 2, MS Access 97 and Visual Basic 5.
- Development of planned maintenance, stores handling, sub contractor and work registration systems.
- Worked closely with the company's business analyst, visiting sites nationwide and attending meetings to discuss and finalise projects.
- In charge of setting up and maintaining the original hardware and software for pilot sites.
- Worked as a team leader and mentor to a computing degree student on a year's placement within the company, and was responsible for his training and development.
- Worked in Kosovo, setting up several NT Server networks for the British Armed Forces and also responsible for the training of the managerial and administration staff on the use of the system.
- Worked as part of a telephone helpdesk team for the sites, dealing with hardware, software and training issues.

1995 – 1998 **Ricoh UK Products Ltd**
Applications Engineer

Design and implementation of RDBMS using MS Access. Responsible for the set-up, maintenance and troubleshooting of all hardware and software within the Engineering Department. In charge of the budgetary requirements for the Engineering Department with regards to IT. Responsible for the creation of technical drawings within the company on the 2D AutoCAD package and also on the 3D package Pro Engineer.

- Design and implementation of RDBMS using MS Access 2.
- Responsible for the set-up, maintenance and troubleshooting of all hardware and software within the Engineering Department.
- In charge of the budgetary requirements for the Engineering Department with regards to IT.
- Responsible for the creation of technical drawings within the company on the 2D AutoCAD package and also on the 3D package Pro Engineer.

1993 – 1995 **Kitpac Buildings Ltd**
Contracts Assistant

Responsible for the full lifecycle of the buildings manufactured / sold and implementing IT within the company throughout all divisions. Design and implementation of IT solutions within the company, which allowed the creation and storage of technical drawings in electronic format. Designed several databases using MS Access to improve efficiency, companywide. Created technical drawings for our steelwork buildings, liaised with customers, visited sites to measure up and supervised the erection of the buildings.

- Design and implementation of IT solutions within the company, which allowed the creation and storage of technical drawings in electronic format.
- Designed several databases using MS Access to improve efficiency, companywide.
- Created technical drawings for our steelwork buildings, liaised with customers, visited sites to measure up and supervised the erection of the buildings.

Qualifications & Training

2011 - 2017 ***Open University***

BSc (Honours) Computing and IT

2017 ***Oasis Digital Systems***

AngularJS Boot Camp

2011 ***Learning Tree***

Effective Spring, Hibernate and Java best practices

2007 ***Sun Microsystems***

Sun Certified Java Programmer

2005 ***The Open University***

The Client Side of Application Development (TT281)

2004 - 2005 ***Internally run 12 month course***

Lloydspharmacy Management Programme

2004 ***The Open University***

Web Basics: Design, Development and Management (TT280)

2000 - 2001 ***Cannock Chase Technical College***

BTEC Professional Development Award – Application programming in Visual Basic

1996 – 1998 ***Wolverhampton University***

BTEC Higher National Certificate in Computer Science

1995 – 1996 ***Cannock Chase Technical College***

City & Guilds Qualification in AutoCAD Customisation and System Management

1994 – 1995 ***Cannock Chase Technical College***

City & Guilds Qualification in Computer Aided Draughting and Design using AutoCAD

1991 – 1993 ***Wolverhampton University***

BTEC Higher National Diploma in Graphic Design

1989 – 1991 ***Stafford College***

BTEC National Diploma in Graphic Design

1989 ***Great Wyrley High School - GCSE Examinations***

Art & Design – A

CDT (Design and Communication) – A

Mathematics – B

Physics – B

Chemistry – B

Integrated Humanities – B

Geography – C

English Literature – C

English Language – C

German – C

Working Knowledge

Operating Systems

Mac OS X
Windows
Windows Server
MS-DOS
IBM AIX

Applications / Languages

Java
Node JS
Elm
Angular JS
Swing
JDBC
JPA
JAXB
Spring
Hibernate
JSP
HTML
CSS
JavaScript
UNIX Shell Scripting
MS Visual Basic
DAO, ODBC Direct & ADO
VBA
Transact SQL
IBM WebSphere MQ

Methodologies

Waterfall
Agile (XP / Scrum / Kanban)

Amazon Web Services

DynamoDB / DynamoDB Local
Simple Email Service
Simple Notification Service
Simple Storage Service
CloudSearch
Lambda
Athena
Redshift
Elastic Compute CloudFormation
Step Functions
CodeDeploy
CloudFormation

Hobbies / Interests

I enjoy mainly sporting activities including squash, football, badminton, golf and mountain bike riding. I like watching films at the cinema and on DVD and I keep Marine fish and much of my spare time is taken up breeding clownfish and seahorses.

Databases

DynamoDB
Redshift
MongoDB
MS SQL Server
MySQL 4
MS Access
Sybase
HyperSQL
Derby

IDE's

VSCode
Webstorm
Eclipse
Borland JBuilder
NetBeans

Web Servers

Tomcat
Jetty
Grizzly

Miscellaneous

REST
JUnit
jMock
CruiseControl
Log4j
Apache Ant
UML
Bamboo
Gradle
Thymeleaf

Version Control

Git
Source Safe
SVN
CVS