



ADAM STONE, MCP, MCTS

Adam is a hands-on, highly competent mobile software developer with over 8 years of industry experience across all aspects of software development and design. As the Section Head for mobile app development, he possesses an extensive background in multi user, large scalable applications spanning a number of platforms and environments. A relentless problem solver applying analytical, design and technical skills to effectively achieve success within all projects and challenges.

Adam has been the lead developer and overseen many of SNC-Lavalin's key mobile development projects such as TAS, Rail Companion, Audit Companion and SSiFT, in doing so he has ensured that such projects are of the highest standard and he applies these standards to even the most minute of details.

Alongside his development skills Adam is also responsible for the way the Digital Services team present themselves and their products. He has designed the look and feel of most of the team's applications and marketing materials. Adam also acts as the Innovation Champion for the Digital Services team leading quarterly Solutions Council sessions that help drive new product development and investigate avenues of innovation and steering them from concept through to realisation.

SECTORS OF EXPERTISE

Complementary sectors

- › Computer programming; Systems (development, control, simulation)

Transportation

- › Railway

Additional Expertise

- › Software Design; Software Development; Software Testing; Graphic design

Years of Experience

- › 11 years

Years with SNC-Lavalin

- › 11 years

Key Positions

- › Programmer / Analyst
- › Web Developer

Languages

- › English

EDUCATION

2008	Cisco Certified Network Administrator, Landau Forte College, Derby, United Kingdom
2008	A-Level Applied Advanced IT, Landau Forte College, Derby, United Kingdom
2008	A-Level Business Studies, Landau Forte College, Derby, United Kingdom

EXPERIENCE

SINCE 2008	SNC-LAVALIN RAIL & TRANSIT (FORMERLY INTERFLEET TECHNOLOGY), DERBY, UNITED KINGDOM
Since 2018	Technical Specialist <ul style="list-style-type: none">- UI / UX designer for a large number of Mobile and Web Apps- Lead developer on TAS for iOS (Timetable Advisory System) TAS is used on over 300 UK rail journeys daily across 1000+ drivers. TAS also won the 2015 RIA Environmental Sustainability award and won the 2015 RFG Technology Innovation award.



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- Lead developer on Audit Companion for iOS

- Lead developer on the Rail Companion suite for iOS

Rail Companion includes a set of tools for managing employee documentation, forms and time management (rostering)

- Lead developer for Rough Riding for iOS

- Lead developer on SSiFT for iOS (Signal Sighting Information Form Tool)

SSiFT was nominated for the 2017 RIA Signalling & Telecommunications award, the 2017 RIA Mobile Technology award and the 2017 RIA Service Innovation award.

- Lead developer on a number of small scale applications and POC projects including TTM (TAS for Train managers), Asset Locator, Find My Train and PIQS (Safer & Quicker Possessions)

Site Experience

› United Kingdom

Computer Applications

› Xcode
› Visual Studio
› SQL Server Management Studio
› Adobe Creative Suite
› MS Office

2016 - 2018

Section Head - Mobile Solutions

- › Design and develop key applications for the iOS platform
- › Oversee and manage developers across multiple platforms
- › Analyse and develop product requirements and functional needs
- › Manage product development schedules
- › Lead innovation process for new products from concept to realisation
- › Contribute to the on-going improvement of development practices
- › Research, design and implementation of end to end solutions
- › Liaise with clients to understand requirements
- › Liaise with clients to resolve new and outstanding issues
- › Writing high-level technical design documents
- › Testing and documenting new software prior to release

2013 - 2016

Software Developer - Mobile

- › Design and develop key applications for the iOS platform
- › Oversee and manage trainee developers across multiple platforms
- › Analyse and develop product requirements and functional needs
- › Manage product development schedules
- › Contribute to the on-going improvement of development practices
- › Research, design and implementation of end to end solutions
- › Liaise with clients to understand requirement

2008 - 2013

Software Developer

- › Lead developer on a number of key development projects
- › Helpdesk support for a number of large business critical systems
- › Complete overhauls and technical refreshes for key systems
- › End-user requirements gathering

PROFESSIONAL DEVELOPMENT

2010

Microsoft Certified Professional, Microsoft, United Kingdom



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2010

Microsoft Certified Technical Specialist, Microsoft, United Kingdom

RESTRICTED USE