



Al Trailblazers: Top 16 Startups in Software Development Life Cycle (SDLC) - Software Learning to Make Software

Application Services

Market Report – July 2018: Complimentary Abstract / Table of Contents

Our research offerings for global services

► Market Vista [™] Global services tracking across functions, source industry tracking reports also available	ng models, locations, and service providers –
► Application Services	► Human Resources
▶ BPS Banking & Financial Services	► ITS Banking & Financial Services
▶ BPS Healthcare & Life Sciences	► ITS Healthcare & Life Sciences
▶ BPS Insurance	► ITS Insurance
► Catalyst [™]	► IT Services Forecaster™
► Cloud & Infrastructure	► Locations Insider™
► Customer Experience Management Services	▶ PricePoint™
▶ Digital Services	▶ Procurement
► Engineering Services	► Recruitment & Talent Acquisition
► Finance & Accounting	► Service Optimization Technologies

Membership information

- This report is included in the following research program(s)
 - Application Services
- If you want to learn whether your organization has a membership agreement or request information on pricing and membership options, please contact us at info@everestgrp.com, unitedkingdom@everestgrp.com, or india@everestgrp.com

More about membership

In addition to a suite of published research, a membership may include

- Price book
- Pinnacle Accelerators
- Data cuts
- Analyst access
- Virtual Roundtables
- Workshops

Custom research capabilities

- Benchmarking | Pricing, delivery model, skill portfolio
- Peer analysis | Scope, sourcing models, locations
- Locations | Cost, skills, sustainability, portfolio – plus a tracking tool
- Tracking services | Service providers, locations, risk
- Other | Market intelligence, service provider capabilities, technologies, contract assessment



Table of contents

Topic	Page no.
Introduction and overview	4
Section I: Adoption of Artificial Intelligence (AI) in Software Development Life Cycle (SDLC)	6
Transformation in SDLC	7
Growth of AI	8
How Al can affect SDLC	9
Adoption of AI in SDLC by big firms	10
Key focus of Al startups	11
Investment trends in AI-led SDLC startups	12
Section II: Assessment of Key Al-SDLC startups	13
Assessment methodology	14
Trailblazers – Requirement and design	18
Trailblazers – Development	22
Trailblazers – Testing	28
Trailblazers – Deployment and maintenance	34
Trailblazers – Application security	40
Appendix	44
Glossary of terms	45
Application services research calendar	46



Introduction and overview

Background of the research

- Al is transforming lives and businesses everywhere. From retail to finance to healthcare to media, there is hardly any industry or vertical left unexplored by Al
- Software development is something that is ubiquitous to almost all the industries. In the world of Agile and DevOps that is fast
 approaching, the pace at which we need to deliver, and update software is increasing rapidly. To cope up with this change there is a need
 to incorporate AI in the Software Development Life Cycle (SDLC)
- Recognising this, over the past few years multiple startups have come up to fill this gap. They are constantly innovating to help increase
 the productivity and accuracy across all stages of the SDLC, starting from requirement gathering to development to testing to deployment
 and finally right until application security. Startups are constantly filling this gap with the application of next-generation concepts such as
 Machine Learning (ML), Natural Language Processing (NLP), and deep learning
- In this research we present an assessment of startups utilizing AI in the field of software development primarily focusing on their innovation, growth story and the impact they have created in the market. We present an assessment and detailed profiling of the 16 AI start-ups across the stages of requirement, development, testing, deployment & maintenance, and security. Each startup profile provides a comprehensive picture of its technology capabilities, achieved market growth, and the perceived investors' confidence
- The assessment is based on secondary research and analysis

Scope of this report

Technology: Al-based SDLC startups

Geography: Global

Companies: 16 leading AI-SDLC startups



We analyzed 50 startups utilizing AI to shortlist the top 16 AI-SDLC trailblazers

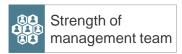
Dimensions used for prioritizing startups

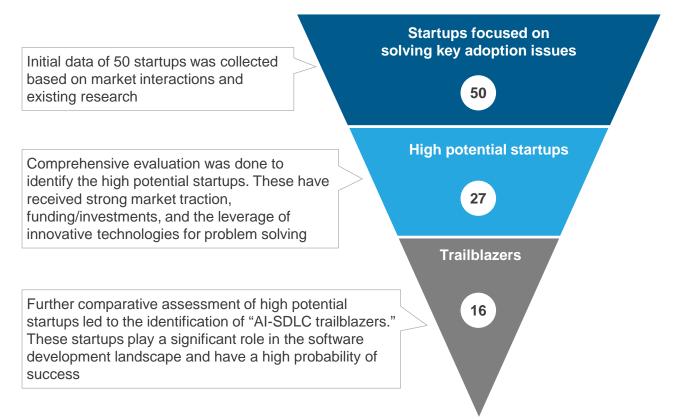








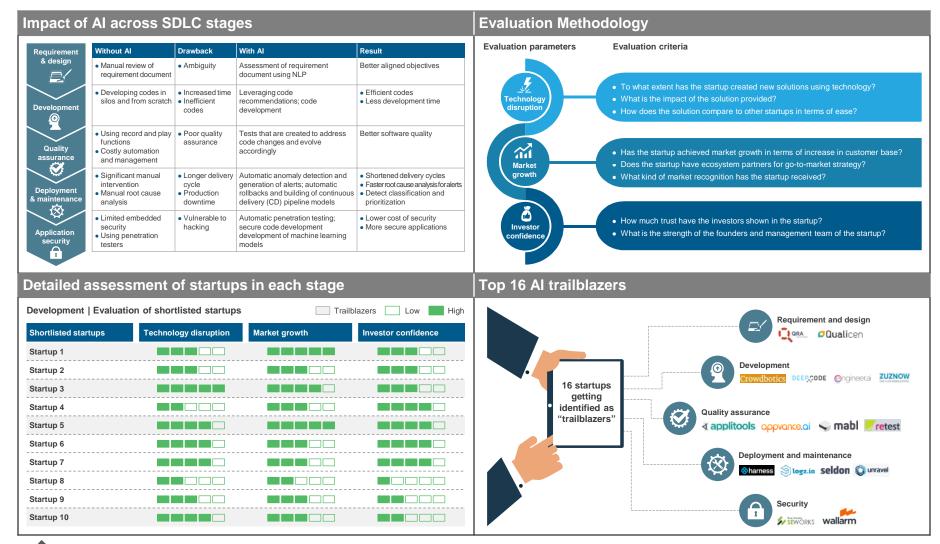




Source: Everest Group (2018)



We identified top 16 AI trailblazers in SDLC based on their technology, market growth and investor confidence





Research calendar - Application services

Planned Current release Published Flagship Application Services reports Release date Application Modernization Services – PEAK Matrix™ Assessment and Market Trends 2017 ______ November 2017 Enterprise QA Services PEAK Matrix™ Assessment 2018: Quality Assurance to Brand Assurance: Al Driving the Evolution May 2018 Application Services Annual Report 2018 Q2 2018 GDPR Solutions PEAK Matrix™ Assessment and Market Update 2018 _______Q2 2018 **Thematic Application Services reports** Application Performance in the Digital Age: Adopting AI is Not Optional January 2018 Upcoming Contract Renewals – Application Services 2018 February 2018

Everest Group®

Note: For a list of all AS reports published by us, please refer to our website page

Additional application services research references

The following documents are recommended for additional insight on the topic covered in this report. The recommended documents either provide additional details on the topic or complementary content that may be of interest

- 1. Top 30 IT Security Trailblazers: Rise of the Digital Security Paradigm(<u>EGR-2018-29-R-2540</u>); 2018. IT security is amongst the top IT investment priorities for enterprises across industries. The research presents an assessment of IT security startups, primarily focusing on their innovation, growth story, and the impact they have created in the market. It includes assessment and detailed profiles of 30 IT security startups across security analytics, security automation & orchestration, endpoint security, cloud security, and IoT security.
- 1. Top 20 IoT Trailblazers: Startups crossing the chasm(EGR-2017-4-R-2171); 2017. Internet of Things (IOT) is heralded as the next revolution in the information age, which will change how we communicate and leverage machines around us. In this research, we present an assessment of IOT startups primarily in the enterprise IOT landscape. The report contains detailed profiles of 20 IOT startups across data analytics, platforms, security, and network provisioning. Each startup profile provides a comprehensive picture of its technology capabilities, achieved market growth, and perceived investors' confidence

For more information on this and other research published by Everest Group, please contact us:

Yugal Joshi, Vice President vugal.joshi@everestgrp.com

Alisha Mittal, Senior Analyst alisha.mittal@everestgrp.com

Abhishek Mundra, Senior Analyst <u>abhishek.mundra@everestgrp.com</u>

Website: www.everestgrp.com | Phone: +1-214-451-3000 | Email: info@everestgrp.com





From **insight** to *action*.



About Everest Group

Everest Group is a consulting and research firm focused on strategic IT, business services, and sourcing. We are trusted advisors to senior executives of leading enterprises, providers, and investors. Our firm helps clients improve operational and financial performance through a hands-on process that supports them in making well-informed decisions that deliver high-impact results and achieve sustained value. Our insight and guidance empower clients to improve organizational efficiency, effectiveness, agility, and responsiveness. What sets Everest Group apart is the integration of deep sourcing knowledge, problem-solving skills and original research. Details and in-depth content are available at www.everestgrp.com.

Dallas (Headquarters)

info@everestgrp.com +1-214-451-3000

Bangalore

india@everestgrp.com +91 806-781-9999

Delhi

india@everestgrp.com +91-124-496-1000

London

unitedkingdom@everestgrp.com +44-207-129-1318

New York

info@everestgrp.com +1-646-805-4000

Toronto

canada@everestgrp.com +1-416-388-6765

Stay connected

Website



www.everestgrp.com

Social Media



@EverestGroup



@Everest Group

Blog

Sherpas In Blue Shirts

www.sherpasinblueshirts.com