



Software Development

Pragmatic and Business-Focused Software Development

Building an application from scratch takes skill and experience. At Arcurve, we have both, having developed more than 200 software applications, from in-house to full scale commercial applications, across a wide range of industries. Hosted on premise or on the Cloud, we can build, change, or migrate custom applications through pragmatic and business-focused design, expert architecture and implementation while maintaining quality, while always keeping the focus on your business objectives. Plus, you own your IP.



Our Software Development Services

- Full stack software development (web, mobile and desktop)
- Cloud native development • Enterprise development • Migration to Cloud and adoption of Cloud services • Software re-platforming and conversion • Team augmentation
- Automated testing • UI/UX design services • DevOps and continuous deployment



We Work at Any Size or Scale

- **Start-up and pre-revenue:** Making an idea come to life so you can get investors and users on board with your business. You do not need to be fluent in techno-speak; you can focus on your business needs, and we'll handle the rest.
- **Mid-size and enterprise:** We work with your business and IT departments to build solutions that work with your existing systems, processes, infrastructure, and technology stack.
- **Global consumer-scale:** We understand Cloud-native global-scale architecture and work in all the major Cloud platforms.



Technology Stack

- Our experienced team has worked with hundreds of technologies, and we'll be comfortable in your technology platform, whatever it is. We have experience in mobile, desktop, embedded, on-premises, and the right approaches are not only justified but the best option for the business. We can guide and work with you through all these scenarios – we aren't just web-based and mobile first
- Our commonly used technologies include: React, Angular, Node.js, C#, .NET, Python, PostgreSQL, SQL Server, Microsoft Azure, and Amazon Web Services. See our website for a list and cross-reference to select projects we've completed.



Methodology and Tooling

- **Iterative development:** We typically work in short sprints, often 2 weeks, so you can see progress, incorporate changing business priorities and feedback. We do not work for you; we work with you.
- **Working with your processes:** If you have established software development processes, we work to them. If you are looking to establish or update your software development practices and tooling, allow us to advise you and make recommendations. From requirements analysis, source control systems, software development tools, code quality tools, testing strategies, continuous integration, and continuous deployment (CI/CD) pipelines, threat scanning, scaling strategies, and deployment and operational best practices – we can help.
- **A wide variety of tools:** We commonly work with GitHub, Azure DevOps, AWS CodeCommit, GitFlow, TypeScript, Ryder, VS Code, PyCharm, ReSharper, Visual Studio, TeamCity, Jira, Confluence, Terraform, Docker, and Kubernetes.



Past Mandates

- Helping a logistics company migrate from running the business in Excel to becoming a technology company through product management, development and support roles.
- Helping a large energy company develop a web-based application working in the quality, health, safety, and environment (QHSE) space. This app was deployed globally in multiple languages and multiple instances (on-site at locations with unreliable network connections due to remote nature, e.g. mountain top, data centre for site with reliable connectivity)
- Guiding a large energy firm through a re-platform from on-premises legacy application to cloud-based PaaS. We helped them migrate from commercial RDBMS to Open Source
- Developing a mobile app for commercial tenants / building management
- Helping a start-up implement their business in cloud-native form, setting them up in a strictly, web-based model and helping them to win awards.

Thank you for your business.