PowMio

Taking your IT solution
to the next level

SOFTWARE DEVELOPMENT
TECHNOLOGY CONSULTING
UX DESIGN

www.powmio.com

Digitalization is putting pressure on revenue and profit growth across all industries.

Degree of digital penetration in the past three years within each industry.

PowMio HQ
KARLSRUHE, GERMANY

31% Consumer packaged goods

32% Automotive and assembly

39% Financial services

42% Professional services

44% Travel, transport and logistic & Telecom

51% Healthcare systems and services

54% High tech

55% Retail

62% Media and entertainment

Source: "The case for digital reinvention." McKinsey Quarterly, January 2017

WHO
WE
ARE

COMPANY

PowMio GmbH is an IT company based in Karlsruhe, Germany. Our core focus is making businesses competitive in the age of digitalization. PowMio is specialized in front-end and back-end software development.

SERVICES

We provide companies with IT consulting, extension or customization of existing software solutions as well as development of new software solutions. Our expertise therefore include full stack web and mobile application development, back-end development, database technologies and cloud integration.

TEAM

Our experienced team is committed to working closely with businesses in order to meet and exceed their expectations.

WHAT WE DO

We work in various domains to meet our clients' business challenges

B2B

Integration with external and third-party systems in B2B supply chains

B2C

Extension and innovation of consumer-oriented solutions

EXISTING SOLUTIONS

Extension, customization and optimization of existing software solutions

USER MOBILITY

Mobile enablement of software products and services with emerging technologies
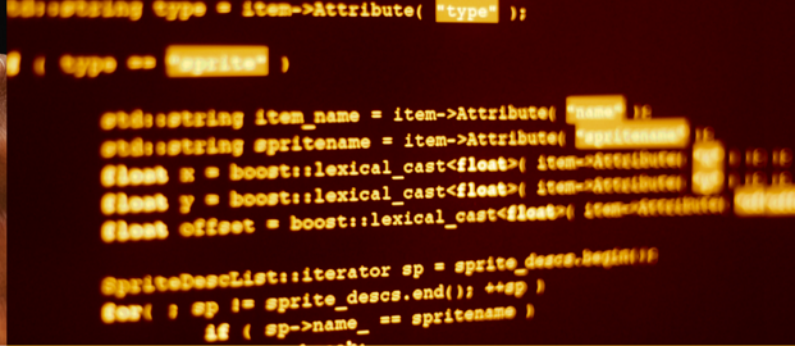
DATA ACCESSIBILITY

Building and maintenance of service APIs in existing information systems

USER EXPERIENCE

Improvement of customer satisfaction through a user-friendly and a fresh UI experience

OUR SERVICES

DEVELOPMENT

WHAT: We support our clients throughout all phases of the software development cycle. Our developers work on extending the functionality of our clients' existing solutions and provide them with continuous support. Our services also include integration between in-house and third-party systems, as well as writing technical documentation.

HOW: We are specialized in web and mobile solutions accompanied by back-end development for cloud based or inhouse servers. Our experts work closely with clients, both on location or remotely to fulfil their requirements. We comply to widely accepted lean project management methods including Scrum and Agile methodologies.

CONSULTING

WHAT: We assist our clients with technological decisions to meet their project requirements. Our experts' skills are applied to extend or optimize existing solutions and propose strategies to meet business challenges. We also advise on third-party services that can enrich our clients service offering.

HOW: Our engineers' experience prevents our clients from stepping into unforeseen technological pitfalls. Gathered knowledge with numerous client projects, proven patterns and applied technologies we faced, now help our clients boost their success.
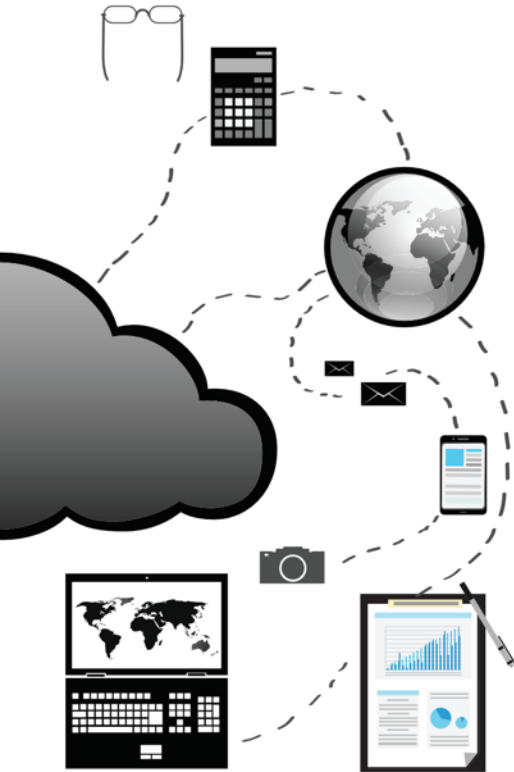
UX DESIGN

WHAT: We support clients to meet UX expectation of their end users. Our designers and software engineers accompany our clients from conceptual user interface design and its implementation, to extension and improvement of an existing interface.

HOW: Our designers continuously propose UI improvements to fulfill competitive challenges businesses meet today on their web or native front-end. Together with our clients we work on UX design through wireframes, user interaction work flow and design of custom UI components.

TOWARDS DIGITALIZATION

The way information is consumed today has completely changed users' behavior, which in turn reconstructed how business is done. To stay competitive, businesses must react to these changes. Partially digitalized solutions need to be kept up-to-date and fit technological expectations of their users. Acceptance of continuous digitalization will help businesses reveal otherwise hidden capabilities of their solutions. In the state of high digitalization, businesses can embrace innovation and be market leaders.

To meet user expectations, IT solutions need to be accessible from multiple devices and different screen sizes. Businesses often expand their service offering by integrating with external APIs. High accessibility to data and the capability to apply advanced data processing techniques, such as machine learning, will give competitive advantage to businesses. From smart devices to storage solutions and even external API changes, digitalization must be continuous and businesses need to be highly adaptive.

WEB & MOBILE APPLICATIONS

We support our clients in front-end development using web and native technologies.

For native technologies, like **Android** and **iOS**, we use **JAVA, C#, Objective-C** and **Swift**.

We apply technologies like **Apache Cordova, PhoneGap, Ionic** (**Angular 1+2**), in combination with **JS, HTML** and **CSS** for hybrid application development.

We use state-of-the-art web technologies like **JavaScript, Typescript, GWT, Angular 1+2, React, Bootstrap, JQuery, HTML** and **CSS**.

BACK-END & DATENBANKEN

We work with clients to improve and extend proprietary and off-the-shelf software solutions.

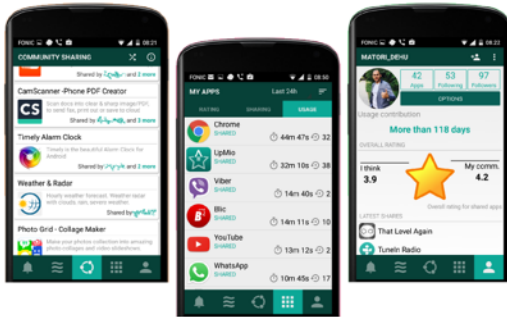Our main back-end programming expertise are in JAVA, C#, JavaScript, Python, and PHP.

On back-end we work with technologies like Spring, Apache Tomcat, or Node.js servers. Provisioning of an external REST API, for both in-house or cloud deployments, such as Amazon AWS and Google Cloud Platform.

We support development and deployment of widely accepted database technologies such as MS SQL Server, MySQL, PostgreSQL, No-SQL, MongoDB and CouchDB for back-end solutions.
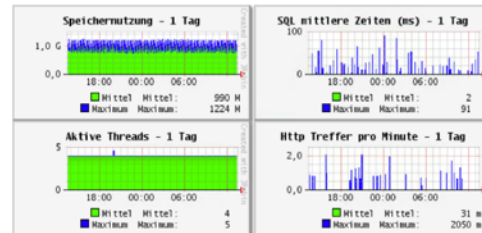
OUR EXPERIENCES

REAL-TIME SOLUTION

To improve the experience of mobile users a recommendation engine fed with application usage data was required. A full-stack solution was developed that can synchronize app usage data in real time and distribute appropriate app recommendations to users.

PERFORMANCE IMPROVEMENT

A client's commercial solution hit the infrastructural limit that led to a bottleneck in collection and exchange of operational data between mobile users. We improved operational efficiency by optimizing exchange and processing performance of mobile devices.
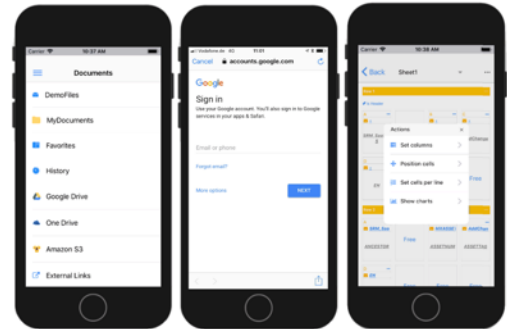
UX IMPROVEMENT

To approach existing and new users an insurance subsidiary decided to provide a mobile solution. We designed and developed an improved user experience where users can get desired insurances on-demand without an intermediary insurance agent.

CLOUD INTEGRATION

The distribution of business data in excel sheets proved to be a big challenge for many businesses. We built a user-friendly mobile solution that can visualize excel sheets located on prominent cloud file storage solutions like Amazon S3, Google Drive and OneDrive.

PARTNERS & MEMBERSHIPS

UNIVERZITET
METROPOLITAN
BEOGRAD

TWOSENSE

CyberForum
HIGHTECH. UNTERNEHMER. NETZWERK.

BuizCore

avenyou

"Each customer project is always a new challenge for our team. Dedication to the customer is much more than just saying front-end or back-end, we're solving real business requirements here."

-- DEJAN
Project Lead at PowMio

"Every customer requirement can be solved in many ways and indeed finding a way to solve them can be very exciting. Also some customers are very innovative and applying new technologies is always a lot of fun."

-- ISSA
Software Engineer at PowMio

"All customers want their product to be recognized and perfectly represented. Unfortunately, many forget the importance of a great user experience. It is, at the end of the day, what keeps users coming back for more."

-- LEONIE
UX Designer at PowMio

JOIN OUR TEAM

Are you up to the challenge to fulfill back-end or front-end requirements of our clients? If you're a passionate engineer with a university degree in Computer Science, or in any other related field with focus on software development, we would be more than happy to hear from you!

Please send us your CV to job@powmio.com

GET IN TOUCH
WITH US

KARLSRUHE, GERMANY
Alter Schlachthof 39

WWW.POWMIO.COM

CONTACT@POWMIO.COM

PowMio