Datasumi Ltd

AI Code Generation Tool for UK Public Sector

Generative AI-powered code creation for government digital services

Secure, compliant, multi-cloud SaaS for public sector software delivery

Faster Delivery & Lower Cost

Reduces development time and associated costs for government software projects by automating large

Higher Developer Productivity

Enhances productivity of in-house public sector teams by offloading routine coding and enabling focus on

Improved Software Quality

Raises reliability of critical applications through consistent code patterns, real-time error detection, and

Transform Public Services

- Purpose-built for UK public sector software delivery, aligned with government standards and security
- Uses advanced generative AI to materially accelerate development while maintaining quality and consistency
- Integrates with existing tools, clouds, and workflows, reducing disruption and easing adoption
- Scalable, resilient SaaS with 99.9% uptime target, strong isolation, and robust data protection controls

Service Overview

This SaaS service streamlines government software development by using generative AI to automate bespoke code creation aligned to UK public sector requirements and standards. It is designed to improve efficiency, accuracy, and compliance while reducing development time and costs for digital transformation projects.

Core Capabilities

- Automated generation of application code tailored to government specifications and policies
- Integration with IDEs, version control, project management tools, and major cloud platforms (AWS, Azure, GCP)
- Web-based, WCAG 2.2 AA-accessible interface with dashboards, analytics, and RESTful APIs for workflow automation

Key Features

Automated code generation
Tailored code generation aligned to government requirements and specifications

Advanced generative AI
Cutting-edge AI technology for efficient and accurate code output

Customisable settings
Fine-tuning options to match organisational standards and preferences

Intuitive web interface
User-friendly platform for technical teams, no local installation required

Integration capabilities
Seamless integration with existing government systems, IDEs, and development platforms

Scalable architecture
Robust infrastructure to handle complex and large public sector projects

Real-time feedback
Instant error detection and quality assurance for code validation

Compliance-ready
Built to meet UK government standards, regulations, and security requirements

Service Benefits

Faster Delivery & Lower Cost

Reduces development time and associated costs for government software projects by automating large parts of code creation.

Higher Developer Productivity

Enhances productivity of in-house public sector teams by offloading routine coding and enabling focus on higher-value tasks.

Improved Software Quality

Raises reliability of critical applications through consistent code patterns, real-time error detection, and quality assurance.

Reduced Operational Risk

Minimises risk of bugs and inconsistencies by enforcing structured, standardised code across services and departments.

Stronger Compliance & Governance

Supports adherence to legal, ethical, and security guidelines, including UK government data protection and security standards.

Summary & Key Advantages

Why Choose This Service

- Purpose-built for UK public sector software delivery, aligned with government standards and security expectations
- Uses advanced generative AI to materially accelerate development while maintaining quality and consistency
- Integrates with existing tools, clouds, and workflows, reducing disruption and easing adoption
- Scalable, resilient SaaS with 99.9% uptime target, strong isolation, and robust data protection controls
- Accessible, browser-based, WCAG 2.2 AA-compliant interface and tiered support model to fit different organisational needs
- Clear data export, end-of-contract, and audit capabilities to satisfy public sector governance requirements

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