
*Journey towards
infinite opportunities*



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NEXTGEN DIGITECH

OUR PRODUCTS



NEXTGEN TOWER SOFTWARE

- NextGen Tower, a dynamic & robust engineering software by NextGen DigiTech is developed fully in house to design, analyze and optimize tubular steel wind towers for the both soft-stiff and soft-soft categories.
- The primary motivation for developing 'NextGen Tower' is the substantial tower mass savings and cost optimization for leading industry partners.
- Modern technologies such as big data, data science, cloud-based networking, artificial intelligence and machine learning
- Collaboration with the University of Southern Denmark, University of Groningen and expert technical consultants from industries.
- Most plausible initial tower design based on turbine operational data.
- Frequency calculation.
- Automatic reporting for certification.
- Automatic tower drawing.

NEXTGEN HRM SOFTWARE

- NextGen Human Resource Management (HRM) is one of the core software applications of ERP solutions. It is an in-house software built using Artificial Intelligence (AI), Machine Learning, Cloud Networking and Data Science.
- Web-based or standalone software solution.
- NextGen HRM is built on a single and comprehensive database management system.
- Access/modify employee database in a user-friendly dashboard.
- Customized employee types and roles.
- Attendance tracking, leave management, salary generation, performance management system.
- Extensive reports and organized graphs.
- Push notifications and notification box.
- Auto generated emails to admin and general employee.

NEXTGEN HRM ANDROID APP

- NextGen HRM Android App is an extension of NextGen HRM web software for quick and convenient employee management.
- JSON Web Token (JWT) authentication system.
- User dashboard containing daily and monthly statistical data.
- Track attendance with one click, sessions log, track history calendar view.
- Leave balance card view, leave application history, one click leave application.
- Salary records, dashboard and payroll generation.



OUR TECHNOLOGIES

- Machine Learning
- Data Science & Big Data
- Artificial Intelligence
- Software Automation
- Robotic Process Automation (RPA)
- Cloud Networking
- Networking Security
- Numerical Analysis
- Structural Optimization
- Finite Element Analysis (FEA)

PROGRAMMING LANGUAGES & PLATFORMS

- Python, Java
- JavaScript, HTML, SQL
- Django, Django REST, Android
- PyQt
- NumPy, SciPy, Pandas



ABOUT US

- NextGen DigiTech is a private research-based company founded in Schenkkade 50k, the Hague, South Holland 2595 AR, the Netherlands in 2018 as "NextGen DigiTech V.O.F."
- NextGen DigiTech started its venture in Bangladesh as "NextGen DigiTech Ltd." in 2020 based in Tool & Technology Institute, BITAC, Ministry of Industries, 116 (Kha) Tejgaon Industrial Area, Dhaka-1208.

SERVICES WE OFFER

NextGen DigiTech consists of a team of researchers, software developers and industry experts with a sound scientific background in disciplines comprising the branch of Systems Engineering, Network Engineering, Data Science, Artificial Intelligence, Automation, Cybersecurity and Software Development.

- ✓ Software Development
- ✓ Engineering Design & Operations Consultancy
- ✓ Android Application Development
- ✓ IT Systems Design, Provision & Assurance Consultancy
- ✓ Website Design and Development
- ✓ Technical Supports: Basic & Advanced levels