

ABDULLAH AL MOHIN JAKI

Senior Backend Developer | Python | Django | Django REST Framework | FastAPI

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PROFESSIONAL SUMMARY

Senior Backend Developer with 5+ years of professional experience designing and building scalable web applications, REST APIs, and production-grade backend systems using Python, Django, Django REST Framework, and FastAPI. Strong expertise in backend architecture, database design, authentication, performance optimization, and maintainable API development. Experienced with PostgreSQL, MySQL, Redis, Celery, Elasticsearch, Docker, Nginx, and Gunicorn. Also familiar with frontend technologies including Bootstrap, Tailwind CSS, React, and Next.js, with additional knowledge of AI workflow automation tools such as n8n. Strong problem-solving background with hands-on experience in R&D, system design, web scraping, data processing, media data analysis, and automation systems.

CORE COMPETENCIES

- Backend System Architecture
- Scalable Application Development
- Clean Code & Software Best Practices
- Web Scraping & Data Processing
- REST API Design & Development
- Authentication & Authorization
- Problem Solving & Debugging
- Automation System Development
- Database Design & Optimization
- Performance Optimization
- Research & Development (R&D)
- API Security Concepts

TECHNICAL SKILLS

Backend: Python, Django, Django REST Framework (DRF), FastAPI, Django ORM, GeoDjango, Wagtail CMS

Databases & Search: PostgreSQL, MySQL, Redis, Elasticsearch, ClickHouse, MeiliSearch, MongoDB, ORM Optimization

Automation & Scraping: Celery, Scrapy Framework, Selenium, Cron Jobs, n8n, AI Workflow Automation

Frontend: HTML, CSS, Bootstrap, Tailwind CSS, JavaScript, React, Next.js, jQuery, Ajax

DevOps & Tools: Git, Docker, Kubernetes, Nginx, Gunicorn, GitHub Actions, MySQL Workbench, Trello, Jira

Security & Concepts: JWT Authentication, API Security Concepts, Penetration Testing Basics, Encryption, Decryption, Socket Programming, Threading

Architecture: Microservices, Event Driven, API Gateways, Async I/O

PROFESSIONAL EXPERIENCE

Senior Software Developer - Python Developer

Celltron EMS | Mar 2021 - Jan 2024

- Developed and maintained production backend systems using Python, Django, and Django REST Framework for web and application platforms.
- Designed secure REST APIs with structured request validation, authentication, authorization, and maintainable business logic.
- Built scalable database structures using PostgreSQL and MySQL, with attention to query efficiency, data modeling, and long-term maintainability.
- Implemented JWT-based authentication systems and reusable backend components to accelerate development across multiple application modules.
- Performed debugging, testing, performance analysis, and backend optimization to improve reliability across production workflows.
- Collaborated with clients and internal stakeholders to gather requirements, translate business needs into technical solutions, and support delivery planning.

Junior Software Developer

Pakiza Technovation Limited | Apr 2020 - Nov 2020

- Developed backend features using Django and supported REST API implementation for web applications.
- Assisted in database design, backend logic implementation, testing, and debugging of application modules.
- Worked closely with senior developers to improve code quality, application performance, and maintainability.

Software Developer - Startup Experience

Early-stage Startup Venture | Mar 2016 - Nov 2016

- Contributed to early-stage product planning and backend development using PHP and the CodeIgniter framework.
- Designed application logic and database structures while gaining hands-on experience in startup execution and product development.

SELECTED PROJECT EXPERIENCE

Smart Rajshahi - City corporation service platform enabling citizens to access digital services such as trade license workflows, holding tax payments, and new holding number requests.

Website: myrajshahi.gov.bd

Rest Space - Three-sided marketplace and premium booking/reservation platform inspired by Airbnb-style marketplace workflows.

Website: www.restspace.us | **App:** iOS App

Spacium - UAE-focused e-commerce application where backend API development supported the interior section and related application workflows.

Website: spacium.ae

Prevention Forward - Organization website developed using Wagtail CMS with a Django-based content management architecture.

Website: www.preventionforward.org/en

ScanOps - Enterprise-grade network scanning and infrastructure intelligence platform designed to help organizations securely discover, monitor, and analyze network assets through controlled, auditable, and scalable scanning workflows.

Website: <https://scanops.codefortify.cloud>

NationWire - Modern digital news portal and editorial CMS built with Django and Wagtail CMS, designed for scalable publishing, live news coverage, editorial workflow management, SEO optimization, multimedia journalism, and real-time analytics.

Website: <https://nationwire.codefortify.cloud>

Confidential Enterprise Projects (NDA Protected) - Worked on enterprise-level backend systems, including high-performance REST APIs, data processing and automation platforms, scalable database architectures, Elasticsearch-based search systems, and secure authentication/authorization systems.

CERTIFICATIONS

- 2020 - Python Intermediate Certificate, HackerRank
- 2016 - Web Application Development - PHP, BITM
- 2015 - PHP with CodeIgniter Framework, BITM

EDUCATION

Daffodil Institute of IT (DIIT) - B.Sc. in Business & Information Technology

ADDITIONAL STRENGTHS

Clean code practices, backend architecture planning, API security awareness, scalable system design, workflow automation, remote collaboration readiness, and continuous improvement of system performance and maintainability.