



# Abdur Rahman

Data Science Specialist | Developer | Growing Partner

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- 📍 Dhaka, Bangladesh

## ABOUT

**My journey:** started with web development, learned growth through marketing, now leading with data science. Building intelligent systems that turn complex problems into measurable solutions.

## CORE SKILLS

- **Languages:** TypeScript, Python, JavaScript
- **Stack:** React, Next.js, Node.js, AWS, PostgreSQL
- **AI/ML:** Deep Learning, NLP, Computer Vision, Transformer models

## TECHNICAL PROFICIENCIES

- Full-Stack Development, Cloud Deployment, API Integration
- Data-Driven Decision Making, AI Model Development, Performance Optimization
- ML research, and growth marketing.

## CERTIFICATIONS

- **AWS** Certified Solutions Architect - Associate (Expected: 2025)
- **Data Science** and Machine Learning Bootcamp (Coursera, 2024)
- **Full-Stack Web** Development (FreeCodeCamp, 2023)

## ADDITIONAL INFORMATION

- **Languages:** Fluent in English and Bengali
- **Hobbies:** Exploring tech trends, contributing to open-source projects, mentoring junior developers.

## ACHIEVEMENT

**Honors & awards:** Best Student Award (Web Development) Jun 2019 Associated with Creative It Institute.

## LINKS

- **GitHub:** [github.com/abdurrahmanse](https://github.com/abdurrahmanse)
- **Kaggle:** [kaggle.com/abdurrahmansoftw](https://kaggle.com/abdurrahmansoftw)
- **LinkedIn:** [linkedin.com/in/abdurrahmanse](https://linkedin.com/in/abdurrahmanse)

## EDUCATION

### M.SC. IN COMPUTER SCIENCE & ENGINEERING

Dhaka University of Engineering & Technology

#### 2025 - Present

- AI/ML, DL, NLP, CV Experiments with Transformer, BERT, and GANs.
- Involved in research and development of machine learning models that power production systems and business decisions.

### B.SC. IN COMPUTER SCIENCE & ENGINEERING

Green University of Bangladesh

#### 2020 – 2024

- **Focus:** Software Development, Algorithm Design, Hardware-Software Integration.
- Built a strong foundation in high-demand, high-paying tech skills.

## WORK EXPERIENCE

### DIGITAL SOLUTIONS STRATEGIST

Servier Pharmaceuticals Ltd

#### 2025 – Present: Remote · France

- Built data pipelines and ML models improving customer segmentation accuracy by 35%.
- Engineered growth experiments increasing user acquisition by 40% through data-driven marketing.
- Created analytics dashboards enabling real-time product optimization and revenue forecasting.

### FRONTEND SOFTWARE ENGINEER

Tanvir Construction Ltd

#### 2021 – 2023: Dhaka, Bangladesh

- Built customer-facing app with Next.js and Tailwind CSS.
- Boosted performance by 30% through code optimization.
- Integrated APIs for seamless data flow.

## PUBLICATIONS

Abdur Rahman, "**Transforming Healthcare with AI:** Building an NLP-Based Chatbot for Medical Assistance", Journal of AI and Healthcare, 2024.

- In this paper, we explore the integration of natural language processing in the healthcare sector to improve patient communication and service efficiency.

Abdur Rahman, "**Leveraging Transformer Models for Enhanced Customer Segmentation**", Journal of Data Science and Marketing, 2023.

- This article discusses the application of BERT and other transformer models to refine customer segmentation, leading to more targeted marketing strategies.