

# Md Sydul Amin

Software Engineer | DevOps Practitioner

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Dhaka, Bangladesh

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## Professional Summary

Results-driven Python Developer with 5+ years of experience in backend development, DevOps, and AWS. Proven ability to build and optimize scalable web applications, implement RESTful APIs, and streamline CI/CD pipelines. Skilled in agile methodologies and cloud infrastructure. Proficient in full-stack collaboration with intermediate expertise in React.js and [Vue.js](#).

## Core Competencies

<b>Languages:</b>	Python, JavaScript, PHP, SQL
<b>Framework:</b>	Django, Django REST Framework, FastAPI, Laravel
<b>Frontend:</b>	React.js, Vue.js, Tailwind CSS
<b>Databases:</b>	PostgreSQL, MySQL
<b>DevOps:</b>	Docker, Kubernetes, Jenkins, GitLab CI/CD
<b>Cloud &amp; IaC:</b>	AWS, Terraform, Ansible
<b>Monitoring &amp; Logging:</b>	Prometheus, Grafana
<b>Version Control &amp; Collaboration:</b>	Git, GitHub

## Professional Experience

### Creative Business Group

*Sr. Software Engineer & Sr. Faculty (Python And Django)*

*2022 - Present | Dhaka, Bangladesh*

- Designed and deployed custom software solutions for commercial clients.
- Mentored students in backend development and REST API design using Django.
- Conducted DevOps training sessions, focusing on Docker, CI/CD, and AWS best practices.
- Delivered lectures on clean code, debugging, and performance optimization.

### Northern University Bangladesh

*Jr. Software Developer*

*2019 - 2022 | Dhaka, Bangladesh*

- Developed and maintained enterprise-level applications.
- Built an internal Employee Management System with robust role-based access.

## Key Projects

### REST API for Public Opinion Platform

**Tech Stack:** Django, PostgreSQL, Docker, JWT

- Designed and deployed a secure API to manage feedback and polling data.
- Implemented JWT-based user authentication.
- Deployed live at: [api.jonomot.live](https://api.jonomot.live)

### NeonMart E-commerce Platform

**Tech Stack:** Django, Bootstrap 5, JavaScript, PostgreSQL, Docker

- Built a full-stack e-commerce website with user-friendly product browsing, cart management, and order tracking features.
- Designed responsive UI and integrated admin tools for inventory and order management.
- Live at: [neonmartbd.co](https://neonmartbd.co)

## Education



### **B.Sc. in Computer Science & Engineering**

**Northern University Bangladesh** (2016 - 2019, Dhaka, Bangladesh)



### **Diploma in Computer Engineering**

**Habigonj Polytechnic Institute**(2011 - 2015, Shylet, Bangladesh)

## Extra-Curricular Activities

- Technology Seminars: Regular attendee of international tech events.
- Continuous Learning: Engaged in online courses and real-world experimentation.
- Rover Scout Member: Leadership, teamwork, and discipline.
- Cricket Team Captain: Strategic planning and team management skills.