

# Samin Yeaser Rahman

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## Skills

- PHP | Laravel | Python | Django | Django REST Framework | Java | JavaFX
- Blade | JavaScript | Vue.js | Bootstrap | Tailwind CSS | Bulma
- MySQL | PostgreSQL | Firebase
- Git | Docker | Postman | Problem Solving

## Experience

<b>Senior Software Engineer</b>	<a href="#">NEXT Ventures</a>	<b>06/2024 - Present</b>
<ul style="list-style-type: none"><li>• Develop and maintain Laravel applications with a clean service-based architecture, using request classes, custom validation, and Eloquent for scalable, maintainable backend logic.</li><li>• Build responsive, dynamic UIs using Blade, with reusable components, layouts, and form handling—integrated with Bootstrap and Tailwind for clean design and usability.</li><li>• Implement advanced features like JSON-based form processing, email queues, scheduled jobs, KYC approval flows, and multi-condition controller logic using service classes.</li><li>• Optimize performance and structure, including database schema design, indexing, logging systems, and span reduction in high-traffic environments using tools like Sentry.</li></ul>		
<b>Programmer</b>	<a href="#">TechTrioZ Solutions</a>	<b>12/2021 - 06/2023</b>
<ul style="list-style-type: none"><li>• Led full-cycle development of enterprise apps (hotel management, parcel tracking, inventory, student behavior).</li><li>• Handled UI/UX, database design, APIs, and frontend across multiple simultaneous projects.</li><li>• Delivered scalable solutions using Django, DRF, Vue.js, Tailwind CSS, MySQL, and PostgreSQL.</li><li>• Translated client needs into actionable plans with iterative feedback and strong communication.</li></ul>		

## Education

<b>Bachelor of Science</b>	<a href="#">BRAC University</a>	<i>Dhaka, Bangladesh</i>	<b>01/2017 - 08/2021</b>
<ul style="list-style-type: none"><li>• Major in Computer Science Engineering</li></ul>			

## Projects

- **CRM** (Django, DRF, Vue.js, Tailwind, PostgreSQL): Crafted and implemented a CRM software solution leveraging Django and Django Rest Framework (DRF), integrating a comprehensive database design to facilitate efficient customer relationship management, enabling role-based access for Customer Representatives (CRs) to assign clients, track product interests, and manage interactions seamlessly. Employed robust backend-to-frontend architecture, empowering CRs to streamline client engagement processes and optimize sales pipelines effectively.
- **Action Plan** (Django, DRF, Vue.js, Tailwind, MySQL): Developed a cancer risk prediction project utilizing Python for backend and Vue.js for frontend development. Engineered dynamic visualization of risk percentages through multiple graphs based on user input data, providing valuable insights into potential cancer susceptibility. [Live Demo](#)
- **SeatX** (JavaFX, MySQL & Android, Firebase): Designed and implemented a seat booking system using JavaFX for the frontend and MySQL for backend storage, enabling students to reserve seats on a daily basis, ensuring efficient resource allocation and optimizing seating arrangements.

## Achievements

- **Publication:** Active & Idle Virtual Machine Migrations - A new Ant Colony Migration approach to consolidate Virtual machines and ensure Green Cloud Computing. DOI: [10.1109/ETCCE51779.2020.9350915](https://doi.org/10.1109/ETCCE51779.2020.9350915)
- **Contest:** Secured 3rd place at the BRACU Intra University Programming Contest in 2017.