

# Rhitam Dutta

[rhitamdutta1996@gmail.com](mailto:rhitamdutta1996@gmail.com) | +91 7019679084 | [Github](#) | [LinkedIn](#)

## EXPERIENCE

---

### Software Development Engineer

March 2022 - Now

*Wint Wealth — Backend Team*

- **Two Factor Authentication (2FA)**: Architected and executed the first-ever 2FA system using **Redis** for temporary OTP storage across all Wint platforms. Led to a **90% reduction in login issue tickets** and ensured **Wint Wealth's compliance with SEBI security standards** — with APIs that serve **50,000+ active users per month**.
- **SIM Binding protocol**: Designed and engineered SIM verification for the Unity FD product, launched in December 2023. The protocol has enabled **200+ users** to securely purchase Unity FDs, generating **1.5+ lakh rupees in revenue**.
- **Strapi CMS**: Led the Strapi CMS integration within Wint's AWS infrastructure, enabling on-the-fly updates to text, colors, and SEO elements — previously a manual task for front-end engineers. Configured a robust AWS environment (**VPC, Route Tables, Internet Gateway, NAT Gateway, EC2, Elastic Beanstalk, CDN, S3, RDS**) to support a seamless content management system. This strategic move facilitated **instant updates across web and app platforms** and amplified **monthly user reach to 100,000+ users**.
- **Bond Referral 3.0**: Revamped Wint's bond referral program to version 3 using **AWS SNS, SQS, Lambda, Step Functions, and Razorpay X APIs** to automate and streamline the repayment process, ensuring timely and accurate rewards. This strategic update attracted **40,000+ new customers** and generated **5+ crores of rupees in revenue to date**.
- **Operational Excellence**:
  - \* Debugged and resolved a persistent issue in the Clevertap tracking platform, where **4,000 users received emails about bond repayments they had not purchased**.
  - \* Debugged and fixed a persistent error affecting the home page, where **500+ customers monthly encountered an error page** due to a discrepancy where the number of bonds sold exceeded those purchased.
  - \* Led Web VAPT for ISO certification, **securing 100+ APIs** by employing **AWS CloudFront for Strict Transport Security, eradicating clickjacking, and preventing session hijacking with refresh tokens**.

### Software Development Engineer

August 2020 - February 2022

*Cerner Corporation — Cardiology Department*

- Streamlined Cerner's Powerchart EMR workflows by developing a feature in **Visual C++ and Oracle database** for correcting medical study mismatches without procedure restarts, enhancing clinical efficiency.
- Implemented the **inerror** datatype across both frontend (**Visual C++**) and backend (**Java**) components of Cerner's patient APIs. This involved adding a new field to accurately mark and handle patient data.
- Upgraded and deployed numerous proprietary **Maven** dependencies.

## PROJECTS

---

### Hotel Booking System (Strapi, Tailwind, AWS)

January 2023

- Engineered a robust and user-friendly hotel booking system for Cherry City Cottage, a renowned hospitality establishment in Guwahati.

### Rhitam Dutta Online Coaching (Django, Vanilla JavaScript, AWS)

August 2020

- In response to the pandemic, I launched an online coaching platform integrated into my website, providing a one-stop solution for fitness – offering a variety of features to ensure a seamless and comprehensive fitness journey.

### Angel Bot (Discord.js, Discord-Akairo, TypeScript)

May 2020

- Designed and built Angel, a versatile and engaging Discord bot. This open-source is enhancing user engagement and community management across several servers.

## TECHNICAL SKILLS

---

**Languages:** Kotlin, Python, Java, Javascript, C#, PostgreSQL, Dart, Unix

**Frameworks:** Spring Boot, Django, Express.js, Flutter, Next.js, Tailwind

## CERTIFICATIONS & ACHIEVEMENTS

---

**AWS Certified Developer Associate:** Proficient in AWS-based application lifecycle management.

**Powerlifting Silver Medalist:** Secured 2nd place in PRO League National Squat Championship, 2022.

## EDUCATION

---

Bachelor of Technology in **Information Technology**

*Manipal Institute of Technology*

August 2016 - June 2020

Minor in Big Data