

Avinaba Ray

✉ avinabaray@gmail.com | ☎ +91 70675 34900 | 🌐 www.avinabaray.com

Smart India Hackathon – 2020 Winner | Freelancer | President – CodeChef ITER Chapter

Experiences

ZERSEY, INDIA | ANDROID DEVELOPMENT INTERN

Dec 2019 – May 2020 | Gurugram, NCR

- Lifecycle optimization of Native Android Social Media App | [Pods](#)
- Managed large source code | 14 modules | 8,000 lines each
- FFMPEG for in-app video processing | Built custom Views
- Implemented Firebase: Cloud Firestore | Auth | Storage | Cloud Messaging

KAIKAJ VENTURE | ANDROID DEVELOPMENT INTERN

Sep 2019 – Nov 2019 | Vaishali, Bihar

- Developed 3 Native Android Car Rental Services Apps
- Partner App | Customer App | Admin App
- Integrated Firebase Realtime Database

PRACSOL TECHNOLOGIES | MOBILE APP DEVELOPMENT INTERN

Jun 2019 – Jul 2019 | Kolkata

- Prototyping of an E-Learning App using inVision Studio
- Building a Hybrid ionic 4 App | for [EdCLAP](#)

Achievements

HACKATHONS

- **Smart India Hackathon – 2020 | National Winner** for Digital Policing
 - More than 5 lakh students participated nationwide
 - MHRD, Govt. of India | Conducted Nationwide | Aug 2020
- **HackerWar 2.0 | Selected** for SIH-2020 Grand Finale
 - SOA Deemed University | Bhubaneswar, Odisha | Feb 2020
- **Trithon | Stood 9th** among 160 participating teams
 - Trident Group of Institutions | Bhubaneswar, Odisha | Feb 2020

COMPETITIVE PROGRAMMING

- **TCS CodeVita Season 9 Round 1 | AIR 1336** out of 185k+ participants
 - Tata Consultancy Services | International | Aug - 2020

Projects

BLASON | SMART SOS TRIGGERING APP | ANDROID

- Automatically detects Voice and Motion of the user for alarming situations
- Uses Android Foreground Service and in-app, SMS and Telegram Bot alerts
- Built for Bureau of Police Research and Development in SIH-2020 and won it
- Technologies: Android | Cloud Firestore Database | Cloud Messaging | Node.js

RENTGENIE | RENT MANAGEMENT APP FOR TENANTS | ANDROID

- Property Management app – Dashboard | Socket Chat
- Available in [Play Store](#) | Freelancing Project
- Technologies: Android | MySQL PHP APIs | OneSignal Notifications

COVID RATION | RATION MANAGEMENT APP | ANDROID

- Managing and delivering Ration by NGOs in Kolkata during COVID-19 pandemic
- Single app with various Login roles: User | Volunteer | Super Admin
- [Acknowledgement Certificate](#) from Dr. Rourab Paul, ITER, SOA
- Technologies: Android | Cloud Firestore Database | [view in GitHub](#)

Education

ITER, SOA DEEMED UNIVERSITY | BHUBANESWAR

Pursuing B.Tech. in Computer Science and Engg.
Graduating in May 2022

- 4th Sem | Sept 2020 | CGPA: 9.45/10

DELHI PUBLIC SCHOOL | RAIPUR, CHHATTISGARH

- 12th Senior School | May 2018 | 95.2%
 - Computer Sc. School Topper (98%)
- 10th Sec. School | May 2016 | 10/10 CGPA

Links

 **LINKEDIN** - [linkedin.com/in/avinabaray](https://www.linkedin.com/in/avinabaray)

 **GITHUB** - github.com/avinabaray

Skills

PROGRAMMING

Over 30,000 lines

- Java | XML | Android

Over 3,000 lines

- C++ | C

Over 1,000 lines

- HTML | CSS | JS | Node.js

Development Tools

- Firebase | GCP | Git | GitHub | IntelliJ

Familiar

- Shell Script | React.js | Assembly | Python

LEADERSHIP

- **President** | CodeChef ITER Chapter
- **Chair Person** | ACM Student Chapter | SOA
- **Coordinator** | [CODEX](#) | Coding Club of SOA

Course Work

UNDERGRADUATE

B.Tech. Computer Science and Engg.

- UNIX Systems Programming
- Operating System
- Computer Networks
- Socket Programming
- Computer Organisation and Architecture

Hobbies and Interests

- Driving and travelling to explore the wild nature
- Photography
- Digging into internals of tech giants' apps