

Akshat Rawat

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EXPERIENCE

Samsung PRISM Project Intern — Samsung

DECEMBER 2021 - JUNE 2022

- Implemented various **Cryptographic algorithms** in **Java** with **Spring Framework**.
- Accomplished interconnectivity of **IOT** devices via **handshaking** based on certificates and keys.
- **Developed** responsive web front-end code using **React** to rapidly create **responsive** web apps to meet end-users needs and create a **modularised** set of front-end components.

Software Development Intern — BITCS

JAN 2022 - Present

- Revamped the front-end user interface system following **Agile methodology** with a positive impact on user experience.
- **Documented** the front-end codebase for easy understanding and collaboration with new team members.
- **Built** modules with **front-end libraries** to improve features and integrate them with **RESTful APIs**.

Full Stack Development Intern — CloudSys

AUGUST 2021 - OCTOBER 2021

- Engineered modern applications with **Flutter** and **Firebase**.
- Delivered the end product **8 weeks ahead** of schedule.

PROJECTS

Bike Rental

- Bikes Renting system built with **ReactJS** & **NestJS**, deployed on **Netlify** & **Heroku**.
- Implemented **JWT** for **RBAC**, sent via API Header through **Axios**.
- Data management accomplished with **Sqlite3** and **TypeORM**.
- Built the UI with **styled-components** and **MaterialUI**.

CrowdFund

- Crowdfunding platform built on **Ethereum Blockchain** & **Next.js**.
- Tested and deployed **Smart Contract** with **Solidity** and **Web3**.
- The platform solves real world problems faced by major startups such as **GoFundMe**, **Kickstarter** and **Indiegogo**.

Avian (deployed)

- Airline Ticket Booking system built on **Node.js** and **Express.js**.
- Practiced **MVC** to improve code quality and management.
- Implemented **MongoDB** with **Mongoose** for data storage.

SKILLS

LANGUAGES

HTML/CSS	JavaScript
Dart	Solidity
Python	C++

TECHNOLOGIES

Node.js, ReactJS, NestJS, Express.js, Flutter, MongoDB, SQL, Firebase

TOOLS and LIBRARIES

Git, Bootstrap, jQuery, MaterialUI, Github, REST, Mongoose

OTHERS

Blockchain, Ethereum, Truffle, Smart Contracts, Cryptography

CERTIFICATES

IIT-NPTEL, Foundations of Cryptography

- Encryption Decryption Schemes, Diffie-Hellman key exchange.

Blockchain Specialization - Smart Contracts, Dapps, Cryptography.

Data Structures & Algorithms - Dynamic Programming, OOPS, Trees, Backtracking, Graphs.

EDUCATION

B. Tech in CSE (Cyber Security)

SRMIST, KTR

July 2019 - Present

9.4 CGPA

High School Diploma

Father Agnel School, NOIDA

April 2005 - March 2019