

Shubham Rasal

bluequbits@gmail.com | [Linkedin](#) | [Github](#) | [Leetcode](#) | [Portfolio](#) | +91 7349784770

EDUCATION

National Institute of Technology, Karnataka

Bachelor of Technology in Information Technology (8.48 CGPA)

Surathkal, Karnataka

Dec 2025

GSS Pre-University College

XI-XII (99.2%)

Belgaum, Karnataka

May 2021

PROFESSIONAL EXPERIENCE

Backend Engineering Intern (Remote)

Easycompany

Nov 2022 – Dec 2022

Bhopal, Madhya Pradesh

- Successfully implemented a secure user **registration** and **login** system using **OTP** for verification and session management.
- Utilized Go **concurrency** through **goroutines** to handle multiple user login sessions efficiently, resulting in an **30% improvement** in login **response time**.
- Developed a powerful **document parsing library** in Go, enabling accurate parsing of diverse file formats, such as **ppts, pdfs, docs, txt, and xlsx**.

PROJECTS

dElect | *React • TailwindCSS • Smart Contracts • Ethers.js* | [Code](#) | [Live](#)

- Engineered a **decentralized election system** using **smart contracts** and Ethereum blockchain
- Implemented core features like registering, voting, creating elections, candidate application, and approvals
- **Deployed** on the **Polygon (Mumbai) Testnet**.

Doodle Battle | *Socket.io • ml5.js • nodejs • express* | [Code](#) | [Live](#)

- Built a web-based online **multiplayer game**, leveraging **web sockets** for real-time communication and utilized the browser **canvas API** to create an interactive drawing interface.
- Incorporated the **Doodle Classifier**, a lightweight machine learning model trained on Google's quick draw dataset, to identify and **interpret** user's **drawings** in real-time

Project Revive | *Nextjs • TailwindCSS • MySQL* | | [Code](#)

- Simplified **crowdfunding platform**.
- Core features include project creation, showcasing and tracking, pledging funds, and a reward system.
- Developed a **secure authentication system** utilizing **JSON Web Token (JWT)** technology

TECHNICAL SKILLS

Languages: C/C++, JavaScript, Go, SQL, HTML/CSS, Solidity

Frameworks/Technologies: Next.js, React, Node.js, TailwindCSS, Git, Docker

Coursework: Data Structures and Algorithms, Operating Systems, Database Systems, OOPS

CERTIFICATIONS/AWARDS

- [Postman API Fundamentals Student Expert](#) - API and Postman proficiency
- [Buildspace DAO Build](#) - Building a Decentralized Autonomous Organization (DAO)
- [Buildspace Intro to Web3](#) - Fundamental Principles of the next paradigm of web
- [FFE Scholarship](#) - Scholarship awarded to top performers in national exams (JEE) for higher education

EXTRACURRICULAR

Web Club NITK - Executive member and part of Google Developer Student Club NITK

Ecell NITK - Web Master and Executive Member

Silicon Maze - Achieved third place in the Silicon Maze hackathon among 150+ teams, making contributions to the System and Development Track