

# Raghu Anand

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## Education

### Chandigarh University

Bachelor of Engineering in Computer Science and Engineering (GPA: 7.64 / 10.00)

Expected May 2025

Mohali, Punjab

- **Relevant Coursework:** Computer Networks, Operating Systems, Database Management Systems, Computer Architecture and Organization, Software Engineering, Data Structure and Algorithms, Data Analysis and Algorithms

### KC Mount Fort

Higher Secondary Certificate (HSC) (GPA: 7.06/10.0)

June 2020

Muzaffarpur, Bihar

### Sri Ramakrishna Vidyashala

Matriculation (SSLC) (GPA: 9.8 / 10.00)

May 2018

Mysuru, Karnataka

## Projects

### PayU | Next.js, Express.js, PostgreSQL, Prisma, Turborepo, Tailwind CSS

🔗 Live

- Developed a comprehensive payment application using **Next.js**, **Express**, and **Turborepo**, supporting user and merchant logins, transfers via phone number/QR code, and Google login.
- Integrated robust financial features including on-ramp/off-ramp bank transfers, merchant notifications, and automated bi-daily bank settlements using **PostgreSQL** and **Prisma ORM**.
- Implemented a responsive **UI** and **Tailwind CSS**, ensuring a seamless user experience across all devices and a 20% increase in user engagement.

### Key Swift | Next.js, Tailwind CSS, PostgreSQL, Prisma ORM, WebSockets

🔗 Live

- Developed a touch-typing practice application using **Next.js**, **React**, and **Tailwind CSS**, allowing users to practice for 15, 30, or 60 seconds with customizable time and character count.
- Implemented real-time competitive features using **Express** and **WebSockets**, enabling users to join rooms and challenge friends in typing speed and accuracy contests.
- Used **PostgreSQL** and **Prisma ORM** for efficient data management, providing detailed performance metrics to users upon completion of typing tests.

### Verse Viber | React.js, Tailwind CSS, PostgreSQL, Prisma ORM, Cloudflare Workers

🔗 Live

- Developed a dynamic blogging platform using **React** and **Tailwind CSS**, enabling users to create accounts, post articles, and read content seamlessly.
- Implemented a robust backend with **PostgreSQL** (via **Prisma ORM**) and **Hono** library for **Cloudflare Workers**, ensuring efficient data management and high performance.
- Optimized data fetching and performance, achieving a 25% faster page load time and supporting thousands of concurrent users with minimal latency.

## Technical Skills

**Languages:** C++, JavaScript, TypeScript, Java, Python

**Version Control:** Git, GitHub

**Development Environment:** VS Code, Linux, Postman

**Cloud Services:** AWS, GCP, Cloudflare Worker, Vercel, Netlify, Heroku, Firebase

**Framework/Libraries:** React.js, Next.js, Redux, Tailwind CSS, Node.js, Express.js, Auth.js, jQuery, Mongoose, Hono, Prisma ORM

**Databases:** MongoDB, PostgreSQL

**Soft Skills:** Teamwork and Collaboration, Emotional Intelligence, Adaptability, Problem Solving

## Achievements

- Ranked in the **top 5%** of IoT course on Swayam by NPTEL with a score of **92 out of 100**.
- Achieved best Rating of **1465** on **LeetCode** 🔗
- Secured overall **14th rank** out of 300+ teams in Code Genius, a coding competition conducted by IEEE Computer Society CUSB.

## Certifications 🔗

- Certification in Data Structure and Performance course authorized by University of California San Diego.
- Certification in Mobile Development and JavaScript course authorized by Meta and offered through Coursera.
- Certification in React.js course offered by Infosys Springboard.