

# Rudraraj Pandey

Portfolio | LinkedIn | GitHub | Leetcode

Location: Pune, Maharashtra, India

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## CAREER OBJECTIVE

A highly motivated individual with a strong foundation in **Full Stack Development**, **Data Structures** and **System Design**. Experienced in **C++**, **Java**, **Cloud Computing**, and **algorithm optimization**. Seeking an opportunity to apply my **technical skills** and **problem-solving abilities** to contribute to the organization.

## SKILLS

- Languages** : C/C++, Java, SQL, HTML, CSS, JavaScript
- Frameworks & Tools** : React.js, Node.js, Express.js, Next.js, TailwindCSS, PostgreSQL, NeonDB, Java Spring Boot, JUnit, Mockito, Visual Studio Code, Git, GitHub, AWS, GCP, GreenLake Cloud Platform, TeXstudio
- Core Competencies** : Full Stack Web Development, API Integration, Data Structures & Algorithms, OOPs, IoT, Computer Systems, Cloud Computing, HTTP requests, JSON, RESTful Web Development, Unit Testing
- Professional Skills** : Teamwork, Leadership, Communication, Problem-solving, Collaboration, Adaptability
- Certifications** : [SQL for Data Science by Coursera](#), [Introduction to Cybersecurity Essentials by Coursera](#)

## INTERNSHIP

**IoT Intern** June 2024 – August 2024  
*Bharat ACT Hybrid – Pune, Maharashtra, India*

- Engineered a **Web Server using ESP8266** to control IoT devices, enhancing automation capabilities.
- Collaborated on a **3D Printer** project, focusing on **software development** and **system integration**.

**Subject Matter Expert(Freelancer)** September 2023 – Nov 2023  
*Chegg India Remote*

- Provided technical solutions for **data structures**, **algorithms**, and **system design**.
- Assisted students with **Java**, **C++ debugging** and **problem-solving** in competitive coding scenarios. Reviewed and optimized **SQL**, **Python** and **Java-based** solutions for efficiency.

## EDUCATION

**Bharati Vidyapeeth University College of Engineering** Pune, Maharashtra, India  
*Bachelor of Technology in Electronics and Communication December 2021 – July 2025*

## PROJECTS

### AI SaaS App: All in One AI

- Built a full-stack **AI-powered SaaS platform** integrating multiple tools like **article writer**, **blog title generator**, **resume reviewer**, **image generator**, and **object/background remover**.
- Implemented **user authentication** and **usage tracking** using **Clerk**, with support for both free and premium plans.
- Used **React**, **TailwindCSS**, **Node.js**, **Express.js**, and **PostgreSQL (NeonDB)** with integrations like **Google Gemini API**, **Cloudinary**, and **ClipDrop**.

### AI Mock Interview App

- Developed a **full-stack AI-powered interview platform** using **Next.js**, **Drizzle ORM** and **Clerk authentication**. Integrated **Gemini AI** to generate real-time interview questions and analyze responses.
- Implemented **Drizzle ORM with PostgreSQL** for efficient data management and a responsive frontend using **React**.

## EXTRA CURRICULUM ACTIVITIES

**Hewlett Packard Enterprise Software Engineering Job Simulation on Forage** June 2025

- Wrote a proposal for a **RESTful web service** to manage a list of employees.
- Built a web server application in **Java Spring Boot** that can accept and respond to **HTTP requests** as well as support uploading JSON data.
- Developed and ran a set of **unit tests** to assess my **Java Spring Boot** application's performance.