

Divyanshu Kumar Mahto

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EDUCATION

- **Vellore Institute of Technology** Vellore, India
Bachelor of Technology - Information Technology; GPA: 9.00/10 Sep. 2022 – Jul. 2026
- **Kendriya Vidyalaya No.2 Saltlake** Kolkata, India
Class 12; Percentage: 92% Mar. 2022
Class 10; Percentage: 95% Mar. 2020

PROGRAMMING SKILLS

Programming Languages: Java

Backend/Database: SpringBoot, PostgreSQL, MySQL, MongoDB

Frontend Technologies: HTML, CSS

Other Tools: GitHub, Postman, Figma

PROJECTS

- **DumbQR.xyz:** A dynamic QR code platform that allows users to update the destination URL without changing the QR code, while also providing detailed analytics, including the location of each scan. Implemented caching using redis for fast redirection significantly improving performance, integrated rate limiting on endpoints, built OTP and password based 2FA signup/login flow, designed & developed responsive user interface and deployed on AWS EC2 and Amplify. **Tech used:** SpringBoot, Java, PostgreSQL, Redis, React, JavaScript, AWS **Github link** **Live link**
- **Peep.email:** A custom Gmail notification system where users define custom rules in natural language according to their preference and will receive push notifications of incoming mail on their phone only if it triggers any of the user defined rules and is relevant to the user, filtering out all the noise so that your phone peeps only when it is important. Configured Google Pub/Sub to receive & process incoming emails, using Gemini to determine relevance to the user, and then sending push notifications to the Android app through Firebase Cloud Messaging. **Tech used:** SpringBoot, Java, PostgreSQL, React, Flutter **Github link** **Live link**
- **AWS SES Email Service with Spring Boot:** A SpringBoot based email service that integrates with AWS SES to send templated emails. It is a boilerplate project that can be merged with any existing SpringBoot application by simply adding a few files and provides the functionality to configure and send personalized emails using AWS services. **Tech used:** SpringBoot, Java, AWS **Github link**

ACHIEVEMENTS

- **1st Prize HackBattle Hackathon** Certificate
My team secured 1st place in HackBattle, a 36-hour hackathon among 100+ participating teams.
- **3rd Prize Yantra'25 Central Hack** Certificate
My team won third place in Yantra Central Hack, a 48-hour hackathon against more than 140 teams.
- **Best UI/UX Award WomenTechies'24 Hackathon** Certificate
My team won the best UI/UX in WomenTechies'24, a 36-hour hackathon among 50+ teams.

EXTRACURRICULAR

- **IoThinc VIT Student Club** VIT Vellore, India
Design Head Jan 2024 - Dec 2024
 - **Designs:** Designed the user interface for the club's event website during the annual technical college fest Gravititas and made several event posters and banners, contributing to increased club visibility
 - **Event Management:** Organized and carried out a number of events
 - **Mentoring:** Mentored junior club members on design tools and technologies