

# Giriraj Parsewar

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## EDUCATION

**Vellore Institute of Technology**  
Btech , CSE (core)

**Bhopal**  
2022-2026, CGPA :- 8.68

**Allen**  
Class 12th

**Kota**  
2021-2022 , Percentage - 90.50

## TECHNICAL SKILLS

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

**Web Technologies:** HTML5, CSS3, Bootstrap, React.js, Node.js, Express.js, MongoDB

**Database Management :** MySQL, MongoDB, Firebase

**Cloud Computing & Hosting:** AWS (EC2, S3), Google Cloud (App Engine), Firebase, Vercel, Netlify

**Tools & Frameworks** Git, Docker, VS Code

**Version Control:** GitHub, GitLab

**Other Skills:** : RESTful APIs, Object-Oriented Programming (OOP), Data Structures & Algorithms (DSA), Problem Solving

## EXPERIENCE

**Software Development Engineer Intern**

**Remote**

*Setu.co (by PineLabs)*

*December 3, 2024 – March 3, 2025*

- **Optimized website performance**, reducing load times by **20%** and improving accessibility scores to **90+**, ensuring **WCAG** compliance.
- **Led the UI migration**, enhancing interface consistency and increasing **user satisfaction by 25%** based on feedback.
- **Integrated Google Tag Manager (GTM), Google Analytics (GA), and Microsoft Clarity**, setting up a **user data funnel and custom event tracking** for improved analytics.
- **Implemented design upgrades for 5+ website projects**, leading to a **15% improvement in user engagement metrics** through modern UI/UX principles.

## PROJECTS

- **Auditorium Booking Management Website (Auditora) - Web Development Project - 2 Members**
  - Developed Auditora, a booking platform for college clubs to request auditorium use, featuring an admin panel for approving or rejecting requests.
  - Built using Bootstrap for the front-end and Firebase for authentication and data management.
  - Utilized Socket.IO to enable real-time updates for seamless communication between clubs and administrators regarding event scheduling.
  - Deployed on Vercel, providing scalability and fast performance.
- **Personal Finance Dashboard : Web-Based Application for Expense Management**
  - Developed a personal finance tracker as a React app, leveraging Firebase for user authentication and real-time data management.
  - Enabled users to track recurring expenses, set savings goals, and generate monthly reports.
  - Created a personal dashboard with Chart.js for visualizing spending habits and trends.
  - Used MySQL for persistent storage of transaction history and deployed the application on Netlify for seamless access.

## CERTIFICATIONS

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- **Cloud Computing** (NPTEL) : Hands-on experience with AWS, Google Cloud, and containerization; ranked **top 5%** with **Elite+ Silver certification**.
- **Bits and Bytes of Computer Networking** (Coursera) : Covered foundational networking concepts, protocols, and layers, and learned to troubleshoot common networking issues.
- **MERN Stack Development** (Skolar) : Completed a comprehensive course on full-stack development using MongoDB, Express.js, React.js, and Node.js. Built multiple real-world applications as part of the coursework.

## ACHEIVEMENTS

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- **Ranked AIR 23246 in JEE Advanced 2022.**
- **Placed 2nd in a Rocketry Competition**, where I applied principles of payload calculation, aerodynamics, center of mass, and fuel propulsion to optimize flight time and precision.
- **Actively Solves coding problems on LeetCode and Litcoder**, focusing on data structures, algorithms, and competitive programming.

## EXTRACURRICULAR ACTIVITIES

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### President

June 2023 – Present

#### *Android Club*

- Organized technical workshops, coding challenges, and speaker sessions focused on mobile app development, leading a core team of **150+ members**.
- Directed the development of the club's official website and apps, integrating a registration payment gateway and an interactive blog section.
- Engaged a community of over **3,500 STEM students**, fostering collaboration, innovation, and knowledge sharing.

### Technical Lead

January 2024 – Present

#### *Freelancing Club*

- Spearheaded the redesign of the club's website, implementing a content management system that increased member engagement by 40% and streamlined event promotion, resulting in a 25% rise in event attendance.
- Oversaw subdomains and departments, including Machine Learning, Web Development, Android, Application Development, and Cloud.
- Planned and structured workflows, defined project scopes, and strategized club projects to ensure smooth execution and innovation across different technical domains.