

POLIMERA BHANUPRAKASH MALIAPPALA NAIDU

B.Tech CSE (Artificial Intelligence) Student

Visakhapatnam, India | +91 9703155423 | bhanupolimera.9@gmail.com

[linkedin.com/in/pbmnaidu](https://www.linkedin.com/in/pbmnaidu) | [CodeChef: bhanupolimera](#) | [GitHub: 404-PBMNaiduNotFound](#)

PROFESSIONAL SUMMARY

Computer Science and Engineering (Artificial Intelligence) student pursuing a B.Tech after completing a Diploma in Computer Science Engineering (89%). Hands-on experience building and debugging full-stack web applications with Next.js, React, and Firebase, including Firestore security rules, authentication, and multi-role platforms. Strong foundation in Data Structures and Algorithms, Object-Oriented Programming, Java, Python, and JavaScript. Seeking software development internships focused on problem solving, real-world product building, and scalable web applications.

TECHNICAL SKILLS

- **Languages:** Java, Python, JavaScript, TypeScript
- **Web & Frameworks:** React, Next.js (App Router), HTML5, CSS3, Tailwind CSS
- **Database & Backend:** Firebase (Firestore, Authentication, Storage), Firestore Security Rules, MySQL, Spring Boot
- **Tools & Deployment:** Git, GitHub, Vercel, VS Code
- **Core Concepts:** Data Structures & Algorithms, Object-Oriented Programming, Debugging, System Design, Problem Solving

EDUCATION

Vignan Institute of Information Technology

B.Tech — Computer Science and Engineering (Artificial Intelligence)

Andhra Polytechnic

Diploma in Computer Science Engineering — 89%

Bhashyam

Secondary School Certificate (SSC) — 93%

PROJECTS

SevaSetu — Multi-Role Donation Coordination Platform

Next.js, React, Firebase (Firestore, Auth), Razorpay

- Built a full-stack donation coordination platform connecting donors, organizations, and vendors with distinct role-based dashboards and permissions.
- Designed and resolved Firestore security rules to support role-scoped list queries across donor, organization, and vendor collections.
- Integrated a Razorpay payment flow for the vendor module and implemented cascading donation status updates across the platform.
- Refactored the codebase into a modular architecture (feature-based modules with shared hooks/providers and lazy-loaded routes) to improve maintainability.

DSA404 — DSA Practice & Coding Profile Tracker

Next.js, Firebase (Firestore, Auth) — Live at [dsa404.vercel.app](#)

- Developed and deployed a DSA tracking platform that delivers daily practice problems and monitors user progress over time.
- Aggregated coding profiles and contest data from Codeforces, LeetCode, and Kontests.net into a single dashboard via API integrations.
- Identified and remediated a Firestore security vulnerability that exposed user emails publicly, redesigning the data model to separate private and public documents.

- Built a public, shareable user-profile system with username claiming, and compiled a deduplicated 850+ problem practice sheet (CSES + Love Babbar) organized by topic.

EXPERIENCE

Sampath Software Solutions — Web Development Intern

Visakhapatnam, India

- Developed and tested web pages using HTML, CSS, and JavaScript, improving UI functionality and responsiveness.
- Collaborated with the development team to debug and refine features across multiple web projects.

ACHIEVEMENTS & CERTIFICATIONS

- Independently designed and built two production web applications, SevaSetu and DSA404, from concept to deployment.
- Participated in college-level hackathons at Vignan Institute of Information Technology, delivering functional prototypes under time constraints.
- Certificate of completion — Web Development Internship, Sampath Software Solutions.

STRENGTHS

Problem Solving • Debugging Mindset • Team Collaboration • Adaptability • Fast Learning • Communication • Time Management

INTERESTS & LANGUAGES

- **Interests:** Competitive Programming, Hackathons, Cricket, Endurance Training, Music
- **Languages:** English, Hindi