Paarth S. Baradia

Portfolio: paa-rth.vercel.app
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EDUCATION

Vidyavardhini's College of Engineering and Technology — Mumbai, India
Bachelor of Engineering - Computer Science; GPA: 8.00 — *Dec. 2021 - July 2025*

Courses: Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Networking, Databases

Sardar Vallabhbhai Patel College of Science and Commerce — Mumbai, India
Higher Secondary- Maharastra State Sec. Education; Percentage: 88% — *July. 2019 - July 2021*

SKILLS SUMMARY

- **Languages:**   Python, PHP, C++, JavaScript, SQL, JAVA
- **Frameworks:**   Scikit, NLTK, SpaCy, TensorFlow, Keras, Django, Flask, NodeJS, LAMP
- **Tools:**   Kubernetes, Docker, GIT, PostgreSQL, MySQL, SQLite
- **Platforms:**   Windows, Arduino, Raspberry, AWS, GCP, Azure Cloud, IBM Cloud
- **Soft Skills:**   Leadership, Event Management, Writing, Public Speaking, Time Management

EXPERIENCE

Aspiring Web Solutions Pvt. Ltd. — Hybrid
SDE Intern (Part-Time) — *June 2024 - Present*

- **Conceptualizing and Building**: Inventory Management System
- **Refactor and Optimize**: Inventory Module for performance and scaling to handle large databases
- **Engineered**: RESTful API Endpoints for existing legacy Web Applications
- **Ratchet PHP WebSocket**: Implemented a WebSocket for low-latency real time exchange of posts and thread updates.

PROJECTS

- **Freight Chain- Immutable and transparent international supply chain management framework.(MERN, Solidity, Web-3.js, Arduino, Truffle):** Developed a blockchain-based international supply chain management system that complies with global standards, providing a secure, transparent platform for managing global supply chains with enhanced traceability and efficiency.

- **Nirvana- Individualized Mindfulness & Wellbeing Application (Kotlin, RESTful API, Firebase, Python):** Application for users to perform mindfulness using features including personalized meditation routines, mood journals, AI assistant for Binaural beats curation and behavioural analysis.

- **Connecti View- Ultimate cross protocol device control (Flutter, Arduino, ZigBee, Z-Wave, Blynk, FireBase):** A protocol-unifying application built with Flutter and Dart, provides seamless control and monitoring of smart home devices. It ensures efficient, centralized management through intuitive mobile and web interfaces.

- **Jevlis Ka?- (Flutter, Firebase, Hive, RESTful API):** A recipe recommendation system that utilizes available ingredients to suggest meal options. Built with advanced algorithms and a comprehensive API, it provides personalized recipes based on user input and preferences. On system third-party integration with quick commerce applications such as Blink-It and Zepto to place orders for missing items, Healthify Me integration for seamless tracking of dietary patterns.

- **Personal Portfolio [paa-rth.vercel.app] (HTML, CSS, Java Script):** Designed and Engineered a sleek and modern portfolio website showcasing skills, projects, and accomplishments. Built with responsive design principles to ensure an optimal viewing experience across all devices.

HONORS AND AWARDS

- Awarded title of VCET's Best Public Speaker - January, 2024
- First Runner's Up at DMCE & Soflink Global's national level Hackathon (LOGIthon) [Freight Chain]- April, 2024
- First Prize at Vidyavardhini's National Level Product Showcase (VNPS) [Nirvana] - April, 2024
- Second Prize at Vidyavardhini's National Level Product Showcase (VNPS) [Jevlis Ka] - April, 2023
- First Prize at VCET-Face Off intra-college debate competition - January, 2024

VOLUNTEER EXPERIENCE

Community Lead at Microsoft Student's Learn Club VCET — Mumbai, India
Conducted online and offline technical & soft-skills training impacting over 3000 students. — *June 2024 - Present*

Treasurer at student chapter of National Service Scheme- NSS VCET — Mumbai, India
Lead financial operations while actively engaging in recurring social welfare initiatives. — *June 2024 - Present*

Student Representative for Internal Quality Assurance Committee- IQAC VCET — Mumbai, India
Served as a liaison for the institution and a board member on behalf of the students. — *April 2024 - Present*