**Sanket Dhuri**

**Web App Developer | AI/ML Enthusiast**

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### **SUMMARY**

I am a passionate backend developer and dedicated student with expertise in building scalable, high-performance applications. While pursuing my studies, I also teach programming, helping students master fundamentals and problem-solving. My internships sharpened my skills in debugging, API integration, and optimizing performance. Currently, I’m leading the development of **VYRA**, an AI-powered app enhancing athlete training and connectivity. Inspired by Mercari’s mission, I’m eager to contribute my technical expertise, creativity, and collaborative mindset to your team.

### **SKILLS**

**Core:**

* Data Structures & Algorithms, Object-Oriented Programming, System Design, CS Fundamentals

**Programming Languages:**

* C, Python, SQL, Go, HTML, CSS, JavaScript, PHP

**Technologies & Tools:**

* Node.js, MongoDB, Flutter, React.js, AWS, Git, Firebase, PostgreSQL, RDBMS, Next.js, Express.js

**Soft Skills:**

* Communication, Teamwork, Problem Solving, Adaptability, Passion for Learning

## **EXPERIENCE**

### **Computer Programming Teacher (Part Time)**

**Asset Classes, Mumbai  
 May 2024 – Present**

* Teach **C++**, **Python**, and **Web development** to students, covering foundational to advanced topics such as **Object-Oriented Programming (OOPs)**, **Data Structures**, and **Algorithms**.
* Designed and delivered engaging lessons focusing on **real-world applications**, **competitive coding**, and **project building**.
* Conduct **competitive coding sessions** on **LeetCode**, helping students improve problem-solving skills and prepare for coding interviews.
* Guide students in building **practical projects** to solidify their understanding of programming concepts.

### **Full Stack Developer (Intern)**

[**Webknot Technologies**](https://www.webknot.in/)**, Bangalore  
 May 2024 – August 2024**

* Worked on the **PrintVenue project** [**printvenue.com**](https://www.printvenue.com/), an e-commerce platform enabling users to order customized printed products (e.g., pens, shirts) based on their designs.
* Specialized in **React.js** and **Next.js**, building scalable, high-performance front-end solutions.
* Integrated APIs within a **microservices architecture** during Agile development cycles.
* Improved application performance by **20%** through code optimization and rigorous test case implementation.
* Collaborated with a team of **11 members**, including 5 front-end developers, 4 back-end developers, 1 tester, and 1 manager.
* Attended **daily Scrum calls** to align tasks and update progress.
* **Technologies**: React.js, Next.js, SQL, API Integration.

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### **Frontend App Developer (Intern)**

**NextGen TechnoVentures, Mumbai  
 November 2023 – March 2024**

* Developed and enhanced **mobile apps** for **Android** and **iOS** using **Flutter** and **Dart**.
* **Buhrata Project** :
  + Led a team of **six** to build an app connecting influencers and brands.
  + Managed team tasks, ensured timely delivery, and collaborated directly with clients.
  + Improved user experience through **responsive design** and robust functionality.
  + Worked on **bug fixing**, **coding UI screens**, **API testing**, and **API integration**.
  + **Team Composition**: 3 back-end developers, 2 front-end developers (including myself), and 1 manager (also front-end developer).
  + **Technologies**: Flutter, Dart, Firebase.
* **Mitra Fintech Project**:
  + Contributed to a **loan comparison app** in collaboration with **5 developers**.
  + Onboarded partner banks and integrated financial services into the platform.
  + Worked on **bug fixing**, **coding UI screens**, **API testing**, and **API integration**.
  + Built **strong, long-lasting connections** with team members.
* Built **strong, long-lasting connections** with team members.

### **EDUCATION**

**Bachelor of Technology in Artificial Intelligence & Data Science  
Vivekanand Education Society’s Institute of Technology (VESIT)***May 2022 – May 2026*

### **PROJECT**

### **VYRA | AI Based Training and Social Networking App for Athletes |** [**thevyra.com**](https://thevyra.com/)

* **Social Networking**:
  + Connect with other athletes, coaches, and sponsors.
  + Share posts, like, comment, and interact—just like any social media platform.
  + In-app messaging for seamless communication.
* **Sports Events and Clubs**:
  + Discover nearby sports events and clubs.
  + Participate in paid sports events with secure in-app payments.
  + Join and complete sports challenges.
* **Personalized Athlete Profiles**:
  + Showcase achievements (e.g., 100m sprint in 10 seconds or national-level achievements).
  + Verified achievements displayed upon approval through an admin dashboard.
* **AI Coach**:
  + Create tailored workout schedules based on goals and time constraints.
  + Provide diet and sleep plans for optimal performance.
* **Workout Analysis**:
  + Upload videos of sports techniques (e.g., sprinting) for feedback using advanced mathematical analysis -> [Running Analysis Video](https://sanket-25.github.io/cdn/runningAnalysis.mp4)
* **Attendance System for Coaches**:
  + Manage athlete attendance and monitor performance for their clubs.
* Gained 100 initial users, including college friends and beginner to mid-level athletes. Hoping you to join as well, [Visit VYRA](https://thevyra.com)
* For test user enter the Number = 9999999999 and OTP = 9999

### **POSITION OF RESPONSIBILITY**

**Technical Coordinator  
International Society of Automation (ISA), VESIT***July 2023 – May 2024*

* Oversaw the development of a Hardware Inventory Management Website.
* Organized events and activities for Praxis, the college robotics club.

**Hardware Inventory Management Website***July 2023 – May 2024*

* Developed a web application for ISA VESIT to streamline hardware inventory management.
* Simplified data tracking and improved accessibility for team members.

### **ADDITIONAL INFORMATION**

* **Languages:** English (Fluent), Hindi (Native), Marathi (Native), Japanese (Currently Learning)
* **Availability:** Open to relocation
* **Interests:** Athletics, Astrophysics, Chess

**Statement of Purpose**

**Passion for Innovation and Technology**  
My journey as a developer has always been driven by a deep fascination with technology's potential to solve real-world problems. Growing up watching anime, I was constantly inspired by how technology and creative thinking could transform the seemingly impossible into reality. This passion has fueled my pursuit of software development, where I aim to build scalable products that make a meaningful impact on the world.

**Why This Opportunity?**  
I am drawn to this role because it offers the chance to work on innovative solutions that impact people’s lives positively. As someone who has always been passionate about building tech solutions that can scale and create value, I see this as the perfect platform to challenge myself and grow professionally. My goal isn't just to complete an internship or project but to contribute to meaningful technological advancements while learning from some of the best minds in the field.

**Skills and Experience**  
My background in software development has equipped me with strong skills in backend development, API integration, and system architecture. Through various academic projects and internships, I've developed a keen eye for creating efficient, scalable solutions. My technical skills are complemented by a persistent curiosity to learn and adapt to new technologies, ensuring that I stay ahead in this fast-evolving field.

**Cultural Alignment**  
While my technical skills are a strong foundation, what truly sets me apart is my ability to align with a team’s vision and culture. My lifelong love for anime has instilled in me a unique appreciation for creativity and innovation, which I aim to bring to any tech team. I believe that great technology is built not just with skills but also with a shared sense of purpose and collaboration.

**Goals for This Role**  
Through this opportunity, I aim to:  
● Contribute meaningful technical solutions that align with the company’s vision  
● Learn and grow in a dynamic engineering environment  
● Demonstrate my potential as a valuable long-term team member  
● Gain hands-on experience with cutting-edge technologies and systems architecture

**Final Note**  
I’m deeply inspired by the innovative spirit of the tech industry and the collaborative culture that drives meaningful change. Joining a team that values creativity, adaptability, and teamwork feels like finding my purpose—combining my love for coding, innovation, and collaboration. I promise to bring the same dedication, humor, and passion to this role. Let’s create something remarkable together. Thank you for your consideration!