Ajinkya Kale

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Kolhapur, Maharashtra, India

Objective

- Motivated and passionate final year Computer Science student with a strong foundation in data structures, algorithms, problem-solving, competitive programming, and front-end development. Seeking an internship to apply skills in a dynamic tech environment.

Education

- **B.Tech in Computer Science and Engineering** — Nov 2022 – Present
  Sharad Institute of Technology, Ichalkaranji, India
  Academic Performance: CGPA 7.73/10.0
- **Higher Secondary Education (XII)** — June 2020 – June 2022
  Sharad Science and Commerce College, Yadrav, India
  Academic Performance: 66.67% (Maharashtra State Board)
- **Secondary Education (X)** — June 2019 – June 2020
  Shri Balaji Public School, Takawade, India
  Academic Performance: 77.20% (Central Board of Secondary Education)

Internships

- **Full Stack Development Intern** — June 2024 – July 2024
  Three Star InfoTech Pvt. Ltd, Kolhapur
  - Developed a dynamic e-commerce website using HTML, CSS, and JavaScript.
  - Integrated APIs for real-time data retrieval and enhanced user experience.
- **Front-End Development Intern** — Aug 2023
  WolFox Services Pvt. Ltd, Kolhapur
  - Assisted senior web developers in designing and developing responsive websites.
  - Created an interactive e-commerce platform using full-stack development techniques.

Skills

- **Programming Languages:** Java, Python, JavaScript
- **Databases:** MySQL, MongoDB
- **Web Technologies:** React, Node.js, Express, HTML, CSS
- **Tools & Soft Skills:** Git, Project Management, Communication, Teamwork

Projects

- **Morpheus Pod** — *Python, React Native, TinyML, REST API, Node.js*
  - Developed a smart pillow system integrating ESP32, accelerometer, microphone, and heart rate sensors for real-time sleep stage monitoring using embedded TinyML models.
  - Designed and implemented a complete software pipeline including signal acquisition, feature extraction, and neural network training, validated on real Sleep-EDF datasets.
  - Built a cross-platform React Native app with Bluetooth/WiFi connectivity, featuring user authentication, live sleep stage visualization, and result analytics for end users and healthcare professionals.
- **Helper-Hub** — *React-Native, Node.js, MongoDB, APIs*
  - Built an on-demand service booking app using React Native and MongoDB for real-time data management.
  - Designed a user-friendly UI with seamless appointment scheduling for various home services.
  - Optimized API calls and state management to enhance performance and responsiveness.

Certifications

- Achieved a **AWS Academy Graduate - Cloud Foundations - Training Badge** from Amazon Web Services Training And Certification.
- Presented an innovative technical project at the **DIPEX 2025** competition, showcasing problem-solving, engineering skills, and creativity.
- Earned a certification in **JavaScript Fundamentals** from KG Coding Academy, enhancing proficiency in web development and modern JavaScript frameworks.