ABHISHEK PAKHMODE

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EDUCATION

Pimpri Chinchwad College of Engineering , Pune   JUNE 2025
Bachelor of Information Technology, CGPA: 8.9

EXPERIENCE

Web and Robotics system developer   Sept 2022 - Sept 2023
Team Automatons   *Robotics Club, PCCOE Pune*
Skills Used : Firebase, html/css, js, bootstrap, Arduino, python, embedded C, sensors interfacing

- Designed and developed responsive website. Integrated Firebase services.
- Worked on generating versions of two robots code made for International level robotics competition "ABU Robocon 2023".

PROJECTS

Monolithic and two tier apps   Node js, Express js, HTML, CSS
Github Link ↗

- The projects are made by considering the industrial standards for web architechtures.

Secrets   Node js, Express js, MongoDB, OAuth 2.0 Authentication, HTML, CSS
Github Link ↗   *Website Link* ↗

- The app made to share the secrets anonymously with other users.
- Integrated with user authentication by using passport middleware. Also has Sign-in with google facility.
- Supports CRUD Operations, user dashboard.
- Hosted on platforms like render and vercel.

Smart Lab and Smart Stairs   Arduino, Sensors interfacing, embedded C
Github Link ↗

- The project centered on the integration of IoT and Automation, utilizing a range of sensors to detect temperature, movement and smoke.
- Provides remote control to all the electrical appliances through mobile app connected through bluetooth.
- It triggers a fire alarm through the activation of buzzers accompanied by red lights.

SKILLS

Programming Languages :
   C, C++, Java, Python, Javascript

Web Languages and tools :
   HTML, CSS, React js, Redux, Node js, express js, Bootstrap, tailwind, MongoDB, MySQL, Firebase, Figma, Flask

Machine development :
   Embedded C, Rasberry Pi , Jetson, Machine learning

EXTRA-CURRICULAR ACTIVITIES

- IT Dept **Library Committee Head** in year 2022-23.
- Conducted sessions on **Robotics** and **sensors interfacing** at Dexterlabz India.
- Consistent certifications in courses and events . *Link to certificates* ↗
- Interested in problem solving on coding platforms like **Codeforces, Codechef, HackerRank**, etc.