ABHIJEET PACHPUTE

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SKILLS SUMMARY

- **Languages & Frameworks**: **Python**, PHP, C, C++, **JavaScript**, CSS, HTML, SQL, **React.js**, Node.js, XML, MongoDB
- **Skills**: Front-end, **Agile**, Back-end, Latex, UI/UX Design, Kanban, NLP, AI, ML, Web Hosting, Unit testing, Micro-services
- **Tools & Platforms**: Git, **Github**, Visual Studio, Windows, **Linux**, Docker, Anaconda, Heroku, JSP, MySQL, Raspberry
- **Languages Spoken**: Marathi, Hindi, English, Japanese

EDUCATION

- **RMD Sinhgad Technical Institute, Savitribai Phule Pune University, India** — July 2019 - May 2023
  B.E in Computer Engineering, with Honors in Cybersecurity — *GPA : 8.67/10*
  - **Activities & Societies**: Co-founder & **Vice President of Meraki**, Member of Research & Innovation Cell, **ACE** (Association of Computer Engineers), Learned Japanese as hobby in university's foreign language program.
  - **Achievements**: Published **3 Indian Patents & 2 IEEE papers**, 1st runner up at Innovation Thinking & Ideation Competition, Conducted 'Cyber Threats & Security Measures Awareness Program' at **Pune Cyber Police Cell**, Earned Certificate & Diploma in **Japanese language** from university's foreign language department.

PROJECTS

- **TASA (Intelligent Virtual Assistant With Face Authentication)**: Developed **TASA (Trusted Assistant with Secure Access)**, an IVA that enhances security by validating users in real-time through face recognition. Ensured data safety, trust, and transparency among users. Achieved over 90% accuracy in user authentication. (May 2023)   (link)
- **SAFETY H-SHIELD (Women Safety Wearable Device)**: It helps women extricate themselves from their situation by sending an alert message from the device through a button control system. The device provides an advantage for women in danger, allowing them to receive help 50% faster than current methods in the surrounding area. (September 2022)   (link)

EXPERIENCE

- **Research Guide - Research & Innovation Cell (RMD Sinhgad)** — May 2022 - July 2023
  Part-Time — *Pune*
  - **Trained**: Facilitated training for students in writing research papers and patent documentation, resulting in a 60% improvement in their research writing skills.
  - **Mentored**: Provided guidance and mentorship to students on project management and cross-functional collaboration, leading to increased project success rate and improved teamwork.
  - **Guided**: Provided personalized recommendations and guidance to students, leading to the successful completion of 6 projects and achievement of research goals.

- **Web Developer & Graphics Designer Intern - Interstellar Scientific** — August 2022 - March 2023
  Full-Time — *Pune*
  - **Developed**: Created the front-end of the company's website using HTML5, CSS3, and Node.js, enhanced user experience and improved website functionality.
  - **Built**: Collaborated with a team of developers to build the back-end infrastructure using MySQL, enabling support for 3000 users and ensuring efficient data management.
  - **Deployed**: Deployed the website on a Cloud Server, ensuring accessibility and availability to users.

- **Cyber Security Analyst Intern - ShellStrong Technologies** — January 2022 - July 2022
  Full-Time — *Pune*
  - **Analyzed**: Conducted comprehensive analysis of cybersecurity cases, performing digital forensics to identify vulnerabilities.
  - **Audited**: Assisted in safety auditing of firms, resulting in a 30% increase in operational efficiency and enhanced security measures.
  - **Implemented**: Successfully implemented ISO 27001 international quality standard for security, ensuring adherence to industry best practices and bolstering overall data protection.

HONORS AND AWARDS

- **Best Innovator & Best Cybersecurity Expert**— Awarded by Department of Computer Engineering RMDSSOE
- Presented **TASA** at **ICCUBEA-2023** IEEE international conference (58933) (March 2023)
- Presented **Image-Dev** at **PuneCon-2022** IEEE Pune Section International Conference (December 2022)
- **Smart India Hackathon** (SIH) 2022 **Finalist** (SIH1019) (August 2022)
- Participated in **InnoFest Summit** 2022 aimed at promoting Innovation and Ideation in new enterprise ecosystems
- **I2E** (Idea to Enterprise) **Cluster Level** Competition, **Finalist** from Top 100 team's across state (January 2022)
- Conducted **Cyber Threats & Security Measures** Awareness Program at Pune Cyber Police Cell (November 2021)