JANHAVI ABHAY PIMPLIKAR

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EDUCATION

Arizona State University | Tempe, AZ   **Jan. 2025 - Present**
Master Of Science (M.S.) | Software Engineering

University Of Pune | Pune, India   **Aug. 2019 - Jul. 2023**
Bachelor Of Engineering (B.E.) | Computer Engineering, Hons. Data Science

SKILLS

Programming: Java, C++, Python, PHP
Development: Bootstrap, React.js, Spring Boot, Laravel, REST API
Databases: SQLite, MySQL, H2
Tools: Git, Bitbucket, VSCode, Postman, Google Colaboratory, Microsoft Power BI

EXPERIENCE

Software Development Intern | Fair Share IT Services Pvt. Ltd. | Remote   **Nov. 2023 - Aug. 2024**
- Developed a user-friendly portal [Holiday API](#) using **Bootstrap and Laravel** with a **fully-functional RESTful API** and robust **CRUD operations** to streamline holiday management and ensure **seamless data accessibility**.
- **Improved SEO performance** to an 'A' rating (77%) for the portal using the in-house SEO tool WebsitesWatch, contributing to better search visibility.
- Designed **responsive layouts using Bootstrap** and contributed to **enhancing the user interface** of multiple internal company websites.
- **Mentored interns** through Laravel tutoring sessions, guidance in understanding project structures, and collaboratively **troubleshooting technical issues**.

Digital Insights Intern | Hitachi Vantara India Pvt. Ltd | Pune, India   **Feb. 2023 - Aug. 2023**
- Acquired foundational knowledge of **data warehousing, modeling, and reporting techniques**.
- Created **interactive Power BI dashboards** to visualize metrics and **improve data-driven decision-making**.
- Implemented **DAX formulas** to create optimized calculated measures for **dynamic aggregation of data**.

PROJECTS

TransManage: Translation Management Made Easy! (Ongoing) | *React.js, Spring Boot, REST APIs, JSON, H2, Render*
- Developed a full-stack translation management system prototype addressing the workflow complexity gap between basic tools and expensive enterprise solutions.
- Modeled 5+ domain entities, implemented 12+ backend endpoints, and preserved a structured, clean MVC architecture.
- Implemented direct integration with an H2 database in file mode for rapid prototyping & enabling UI development.
- Applied modular component-based design in React with 6+ reusable components and local state management.
- Maintained version control with 50+ Git commits and deployed MVP to Render with working frontend-backend interaction.

Inattentive Driver Identification Smart System (IDISS) | *Python, TensorFlow, Keras, Raspberry Pi*
- Collaborated with a team of 4 and developed a system to detect and classify distracted driving behaviors in real-time.
- Achieved an accuracy of 95%+ for the ResNet model integrated with Raspberry Pi and IoT sensors to classify a distracted driver's actions via an image-based custom dataset.
- Published system results in the conference proceedings 'Machine Intelligence for Research and Innovations' under the book series 'Lecture Notes In Networks And Systems (LNNS)' by Springer, Singapore. ([Publication](#))

AWARDS AND CERTIFICATIONS

- Japanese Language Proficiency Test, The Japan Foundation - Certified in the JLPT N3
- Fulton Schools Graduate Scholarship, Arizona State University - Recipient of $3000