

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, DAX

Development: React, Bootstrap, Spring Boot, Laravel, REST API

Databases: SQLite, MySQL

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 Laravel with a functional RESTful API for streamlining holiday management to ensure seamless data accessibility.
- Delivered a quality search engine optimization ranking of 'A' (77%) for the Holiday API portal through the company's in-house SEO tool 'WebsitesWatch'.
- Designed responsive layouts using Bootstrap and contributed to enhancing the user interface of 'WebsitesWatch'.
- Mentored interns through Laravel tutoring sessions, guidance in understanding project structures, and help in troubleshooting technical issues.

Digital Insights Intern | Hitachi Vantara | 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

BlogSpot: A Blog Post Web Application

Nov. 2023

- Developed a dynamic blog post website using Bootstrap, Laravel, and MySQL with user authorization for efficiently storing and managing user-created blog posts.

The World In Numbers

Sep. 2023

- Analyzed global statistical data by implementing SQL queries to create interactive dashboards in Power BI
- Organized data analysis into five main characteristics - population and language, economy, demographics, land usage, and urbanization rates.

Inattentive Driver Identification Smart System (IDISS)

May 2023

- Collaborated with a team of 4 and developed a system to detect and classify distracted driving behaviors using Deep Learning and the Internet Of Things (IoT).
- Selected the best-performing model, ResNet-50 producing an accuracy of 98% through training 5 models, and integrated the model with Raspberry Pi and IoT sensors to classify images in a 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 Link](#))

CERTIFICATIONS

- Japanese Language Proficiency - Level N3