Jahnavi Mandadi

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EDUCATION

- **University of Windsor** — Windsor, Canada
  Masters of Applied Computing — *Sep 2023 - Present*
  Courses: *Advanced Software Engineering, Advanced Computing Concepts, Advanced Systems Programming, Advanced Database Management System, Marketing, Managing Employees.*

- **QIS College of Engineering and Technology** — Ongole, India
  B.Tech in Computer Science Engineering — *Jun 2018 - July 2022*
  Courses: *Java, C++, Data Structures, Python, UNIX, Database Management Systems.*

SKILLS SUMMARY

- **Languages**: Java, Python, JavaScript, HTML, SQL, C.
- **Database and Cloud Services**: MySQL, MongoDB, Firebase, AWS.
- **Version Control / Management**: Git, GitHub, SonarQube, JIRA.
- **Frameworks**: Django, Flask.
- **Software Methodologies**: Scrum, Agile, Waterfall, SDLC, Object-oriented Design.
- **Tools**: ServiceNow, Tableau, PowerBI, MS Excel, MS Office Suite, Visual Studio, Eclipse, Android Studio, Linux.

WORK EXPERIENCE

- **Associate Engineer** — Virtusa Consultancy Private Limited, Hyderabad, India
  Tools: ServiceNow, DevOps, GitHub, SonarQube, Synk, Azure, AWS — *Jun 2022 - Jul 2023*
  - 2 years of experience in providing Level 1 support for tools like Github and SonarQube using ServiceNow in the Azure DevOps team.
  - Resolved 40-45 tickets per day on user and admin issues related to GitHub and SonarQube.
  - Functioned as a client advisor, dealing with several tickets raised by customers, ensuring that clients were informed clearly about the status of their issues while offering the best solutions.
  - Designed visualitations and documentation describing functionalities of several tools such as GitHub, SonarQube, Synk.
  - Communicated with clients in Europe and provided customer service.

- **Junior Associate Engineer** — Virtusa Consultancy Private Limited, Hyderabad, India
  Tools: ServiceNow — *Jan 2022 - Apr 2022*
  - Provided level-1 support for Azure DevOps team using ServiceNow tool.

PROJECTS

- **Amazon Prime Video Analysis (Tools:Tableau)**: Designed an interactive dashboard using Tableau, leveraging its visualization capabilities to present the analyzed data in a comprehensive and Insightful manner, facilitating informed decision-making within the entertainment industry. (April '24)

- **Client-Server Application Development (Technologies: C Programming Language, UNIX)**: Built a client-server application for efficient file retrieval using socket communication in a Unix environment, implemented in the C programming language. Trained the server to handle multiple concurrent client requests by employing mirrored processes on separate machines, ensuring scalability and performance. (April '24)

- **AgriAI(Technologies: Python, Flask, ReactJS, MongoDB)**: Lead a team of 5 in the creation of an innovative system utilizing Convolutional Neural Networks (CNNs) in PyTorch for automated plant disease detection and classification, optimizing accuracy and efficiency. Incorporated the comprehensive Plant Village dataset to improve detection precision, ensuring robust identification of plant diseases. Developed additional features such as preventive measures, community platform, educational resources, and direct sales marketplace to promote agricultural resilience, food security, and sustainability. (March '24)

- **Flight Price Analysis (Technologies: Java)**: Scraped three different airline websites using Python and used that data to do price comparisons. Created a framework for scrutinising pricing variations across different flight categories, including economy and premium economy,emphasizing price transparency.Performed analysis to guide passengers in selecting flights that align with their budget considerations and travel priorities.(December '23)

EXTRACURRICULARS

- **Writer, Terribly Tiny Tales** — Mumbai, India
  Written several short stories and poems for an online platform called Terribly Tiny Tales. — *June 2022 - Present*

- **Community clean-up, University of Windsor** — Windsor, Canada
  Helped in keeping university surroundings clean with a team of 5members. — *December 2023*

- **Fundraiser for Polio Eradication** — Andhra Pradesh, India
  Collected funds around 2000CAD to eradicate polio as a part of Bill Gates Challenge. — *April 2022*