

PUSHKAR TALWALKAR

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EDUCATION

Arizona State University <i>Masters' in Computer Science</i>	Tempe, AZ August 2024 – Present
International Institute of Information Technology - Hyderabad(IIT-H) <i>Bachelor of Technology in Computer Science Engineering - CGPA: 7.72</i>	Hyderabad, India August 2018 – May 2022

EXPERIENCE

Software Development Engineer (Full-Stack Engineer) <i>Visa Inc.</i>	June 2022 - June 2024 Bangalore, India
<ul style="list-style-type: none">Designed and implemented Privacy Portals (30K+ LoC), drove global privacy compliance with GDPR & other privacy policies.Refactored the entire backend from NodeJS to Spring Boot (Java) (20K+ LoC) in just 3 months, boosting performance and scalability.Led accessibility enhancements, achieving 100% ADA & WCAG compliance for privacy portals.Automated release testing using Cypress, reducing manual testing efforts by 70%.Developed 2 proprietary Generative AI POCs, showcasing innovative internal applications of LLMs.Resolved over 100 critical bugs, improving backend reliability and maintainability.	
Research and Development Intern <i>Eigenlytics Data Solutions</i>	May 2021 - June 2021 Remote

PROJECTS

Learning App For Kids with Autism <i>NodeJS, Express, MySQL, Agile Dev.</i>	January 2022 - May 2022
<ul style="list-style-type: none">Created a scheduling & progress-tracking app for 250+ neurodiverse kids, connecting them to 30+ therapists.Built and tested robust RESTful APIs in an Agile environment, improving therapy session coordination.Delivered analytics features that streamlined progress tracking and report generation.	
Financial Document Summariser <i>Python, Flask, Docker</i>	August 2021 - December 2021
<ul style="list-style-type: none">Built a NLP-based tool to summarize complex documents - reducing document review time by 50% for users.Developed a 4000+ LoC software leveraging NLP / IRE techniques, ML & Deep Learning.Implemented a customizable summary feature, leveraging machine learning and reader personas.	

TECHNICAL SKILLS

Programming Languages: Python, Java, JavaScript, C/C++, SQL, Bash, Erlang, Arduino
Frameworks/Libraries: ReactJS, NodeJS, Spring Boot, Flask, Django, Cypress, FastAPI, PyTorch, Scikit-learn
Tools: Git, Docker, Kubernetes, Jenkins, IntelliJ, Visual Studio, AWS Cloud
Databases: MySQL, PostgreSQL, MongoDB, Redis
Others: RESTful APIs, GraphQL, Agile/Scrum

ACHIEVEMENTS

- US Chess Federation: Recipient of the "**Candidate Master**" title.
- Ensured seamless execution of 5 key events for **Visa's first Privacy Month**.
- Teaching Assistant Associate** @ IIIT-H, for two semesters - guiding over 60 students.
- Represented ASU at **Pan-American Chess Competition 2025**.
- Chess Club Coordinator** @ IIIT-H. Represented **Qatar** @ CBSE Chess Nationals 2017.