SWAPNEEL PARANJPE

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EDUCATION

Arizona State University (ASU), Tempe, Arizona, USA **Expected May 2025**
Master of Science in Computer Science

Veermata Jijabai Technological Institute (VJTI), Mumbai, India **May 2021**
Bachelor of Technology in Electronics Engineering **(CGPA 8.55/10)**

PROFESSIONAL EXPERIENCE

Fiserv | Technology Analyst – RPA Developer **Jul 2021 – Jun 2023**
- Led 11 client projects, developing intelligent automated solutions in Blue Prism and Nintex for tasks such as Loan Onboarding, KYC Verification, and Report Generation
- Designed reusable template for DDA Onboarding and programmed Blue Prism calendar customization using SQL
- Conducted Customer Feedback and Sentiment Analysis with Natural Language Processing in Python
- Achieved Fiserv's Trailblazer Award for outstanding performance and innovation

AIRPIX Geoanalytics | AI & ML Research Intern **Jun 2020 – Sep 2020**
- Created real-time vehicle counter and classifier through custom-trained Deep Learning models for Indian vehicles
- Collaborated on vehicle speed violation detection and generated statistical insights from the collected data

ACADEMIC PROJECTS AND PAPERS

Espy – Task Manager Android App
- Developed and released an Android task manager app in Kotlin to manage user tasks with CRUD features and create reminders for receiving notification alerts
- Implemented task customization with repeating tasks, focused timers, and schedule sharing

Memory Matching Game Android App
- Built an Android application in Kotlin to play the memory game with different grid configurations
- Incorporated Firebase to generate custom memory boards that utilize images from user's phone gallery

SpyDark – Surface and Dark Web Crawler
- Developed a hybrid crawler for accessing surface web and dark web to detect potentially illegal activities and implemented the framework on a web application using Django
- Enhanced model accuracy through Natural Language Processing and Image Processing techniques
- Designed a comprehensive dashboard for statistical analysis and data visualization of the crawled results
- Authored and published a paper on this topic in IEEE Xplore in July 2021

TECHNICAL SKILLS

- Languages & Frameworks: Java, Python, Kotlin, Dart, SQL, HTML, CSS, JavaScript, Django, Flask, Scikit-learn
- Technologies: Android Development, Deep Learning, Computer Vision, Web Development, RPA Development
- Software: Android Studio, Flutter, VS Code, Git, Blue Prism, Nintex

COURSES AND CERTIFICATIONS

- Machine Learning A-Z: Hands-On Python & R In Data Science | *Udemy, June 2022*
- Java Data Structures and Algorithms Masterclass | *Udemy, May 2022*
- Web Designing Specialization (5 courses) | *University of Michigan, Oct 2021*
- Deep Learning Specialization (5 courses) | *deeplearning.ai, May 2020*
- Python for Everybody Specialization (5 courses) | *University of Michigan, Apr 2020*

EXTRACURRICULAR ACTIVITIES

- Secured first position in a hackathon themed on Machine Learning at Fiserv by developing a predictive analytics algorithm to segment customers and apply product bundling
- Volunteered at career fairs to guide applicants interested in automation
- Organized and managed 30+ inter-departmental performing arts competitions with 800+ participants as Event Coordinator for the cultural festival 'Pratibimb' at VJTI in 2019
- Headed the Electronics department for the cultural festival 'Pratibimb' at VJTI in 2018, guiding a 200-member team for intra-college competitions