

ABISHEK PADAKI

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EDUCATION

M.S in Computer Science, May 2024
San Jose State University, San Jose, CA

B.Eng in Computer Science & Engineering, June 2019
Ramaiah Institute of Technology, Bangalore, India, GPA: 3.4/4.0

TECHNICAL SKILLS

- **Languages:** JavaScript, Python, Java, C++, SQL, Front-end languages (HTML, CSS, Sass, XML).
- **Frameworks:** React and React Native, Redux, NodeJS, MySQL, jQuery, GraphQL, Neo4j, MongoDB, Django.
- **Utilities:** Docker, Kubernetes, Elasticsearch, Jenkins, Azure Dev Ops, Grafana, Adobe Experience Manager, JIRA, Git, Visual Studio, Eclipse, Anaconda, Python Notebooks (Jupyter, Google Collab), Logic Apps (IFTTT), Adobe Analytics, WAVE.

WORK EXPERIENCE

Associate Experience Technology L2 (Full Stack), Publicis Sapient, Bangalore, India, July 2019 – July 2022

- Worked with cutting-edge full-stack technologies such as React, NodeJS, MongoDB, etc., for the platform team of Stellantis and the websites of their sub-brands such as Jeep, Chrysler, Dodge, etc.
- Spearheaded and developed the project for an intelligent Visual Regression Tester, which compared differences in images down to a single pixel with a configurable heatmap. Reduced post-deployment manual testing by over 30%.
- Engineered CI/CD projects, such as containerizing complex applications, orchestrating them, and automating pipelines. These helped reduce the QA team's process by over 40%.
- Incorporated Adobe analytics and graph DBs such as Neo4j to build ML models. Helped return personalized offers to users by determining their preferences based on their website activities.

Full Stack Intern, MyGate, Bangalore, India, July 2018 – September 2018

- Implemented information retrieval methods using Python, improving search results on the MyGate application.
- Utilized the latest front-end technologies such as Redux, jQuery, NodeJS, and Amazon Web Services to build their web-based application for an enhanced user experience on a browser.

PROJECTS & PUBLICATIONS

Windows Based Malware Prediction System using Deep Learning Techniques, RIT, June 2019

- Co-authored a paper to develop a DL model that accurately predicted an operating system's probability of being vulnerable to malware. The models analyzed were LGBM, RNN, and XDeepFM. Integrated models with a database and a UI displaying the vulnerability probability of the user's OS version.
- Presented at the International Conference on Recent Engineering and Technology 2019 associated with IEEE and published in the Journal of Computational Information Systems Volume 15 Issue 3.

Content-Based Kernel Recommender System for Kaggle, RIT, August 2018

- Developed a collaborative filtering-based recommendation system for Kaggle kernels using the Meta Kaggle dataset.
- Suggested new kernels for users related to their current kernels by one or more factors.

ACTIVITIES & AWARDS

- **Led a team of 3 to win the Publicis Sapient India 24Hr Hackathon 2019** (1st place - 62 teams in total).
- **PS Transport and Mobility Awards 2021 & 2022** (Winner of the category 'Partnering for Client Impact').
- **Volunteer at Goodera:** Actively volunteering to make a difference by helping underprivileged school children in India.
- **Member of IEEE and Toastmasters International.**