

# ABISHEK PADAKI

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## EDUCATION

<b>San Jose State University</b> <i>Master of Science in Computer Science</i>	<i>San Jose, CA</i> 2022 – 2024( <i>expected</i> )
<b>M.S. Ramaiah Institute of Technology</b> <i>B.E in Computer Science &amp; Engineering</i>	<i>Bangalore, India</i> 2015 - 2019

## WORK EXPERIENCE

<b>Publicis Sapient</b> <i>Associate Experience Technology L2 (Full Stack Developer)</i>	<i>Bangalore, India</i> July 2019 – July 2022
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- Worked on cutting-edge full-stack technologies such as React, Node, MongoDB, Spring Boot, etc., for the platform team of the automobile company **Stellantis** and the websites of their sub-brands such as **Jeep, AlfaRomeo, Chrysler, Dodge**, etc.
- Engineered CI/CD projects such as containerizing applications and their orchestration and built automated pipelines helping reduce the QA team's process by **over 40%**.
- Incorporated Adobe analytics and graph databases such as Neo4j to build ML models that returned **personalized offers for users**, analyzing their preferences such as types of vehicle models or specific features based on their activities on the websites.
- Developed an Intelligent Visual Regression Testing that detected and compared differences in images **down to a single pixel** and built a clean UI/UX which a configurable heatmap of the differences between the two images. **This automation reduced post-deployment manual testing by over 30%**

<b>MyGate</b> <i>Full Stack Intern</i>	<i>Bangalore, India</i> July 2018 – September 2018
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A 2-month Summer Internship at MyGate – a mobile-based security and community management application.

- Implemented information retrieval techniques such as web crawling and scraping using python.
- Worked with the latest front-end technologies such as React, jQuery, and Next.js on their web-based application.

## TECHNICAL SKILLS

- **Languages:** Javascript, Python, Java, C++, Solidity, Front-end languages (HTML, CSS, Sass, XML, Handlebars), SQL.
- **Frameworks:** React and React Native, NodeJS, Django, GraphQL, MySQL, Neo4j, MongoDB, Express.js, Next.js, jQuery
- **Utilities:** Git, Visual Studio, Eclipse, Anaconda, Jupyter Notebook, Jenkins, Docker, Kubernetes, Azure DevOps, Logic Apps (IFTTT), Grafana, Ganache, Web3.js, Remix(Ethereum IDE), AEM, Adobe Analytics, WAVE, Elasticsearch, Kibana

## PUBLICATIONS & PROJECTS

<b>Windows Based Malware Prediction System using Deep Learning Techniques</b>	<i>Bangalore, India • June 2019</i>
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The project aimed to develop a deep learning model that **accurately predicted an operating system's probability of being vulnerable to malware**. The models analyzed were LGBM, RNN, and XDeepFM. The model was integrated with a user interface that displayed the vulnerability probability of the user's OS version. The paper was presented at the International Conference on Recent Engineering and Technology 2019 (ICRET) associated with IEEE and was **published in the Journal of Computational Information Systems(JOF-CIS)** Volume 15 Issue 3 ISSN No. 1553-9105.

<b>Content-Based Kernel Recommender System for Kaggle</b>	<i>Bangalore, India • August 2018</i>
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This project aimed at building a collaborative filtering-based recommendation system for kernels based on the Meta Kaggle dataset. This system suggested new kernels for Kaggle users related to the current kernel by one or more factors.

<b>Supply-Chain application using Smart Contracts on Ethereum</b>	<i>Bangalore, India • September 2021</i>
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A Supply chain application built using Smart Contracts with functions to automate product dispatch on payment and collection of fees without intermediaries. Written in Solidity and executed on the Ethereum Blockchain.

## HONOURS & AWARDS

- **Winner of Publicis Sapient India 24Hr Hackathon** (1<sup>st</sup> place - 62 teams in total) • *September 2019*
- **Runners-up of the PS Hackathon 2020** (2<sup>nd</sup> place - 44 teams in total) • *February to June 2020*
- **PS Transport and Mobility Awards 2021 & 2022** (Winner of the category 'Partnering for Client Impact') • *Nov 2021 & June 2022*