

Satyam Srivastava

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PROFESSIONAL EXPERIENCE

Paytm Insurance Broking Limited (PAYTM)

December 2024 - Present

Software Engineer

Noida, Uttar Pradesh

- Developed the revamped version of Insurance application using **React and NextJs**, to enhance performance for smooth and faster user experience.
- Part of **migration** from **Old Code base to New Code Base** to reduce client side render time.
- Developed Complete **Offline KYC Module** specific to selected Insurer.
- Integrated H5 Pages with Native App using Paytm Bridges, to interact efficiently with the **native app** features.
- Engaged in **code reviews**, offering constructive feedback and contributing to ongoing enhancements of coding standards and development processes.

Paytm Insurance Broking Limited (PAYTM)

June 2023 - December 2024

Software Development Engineer in Test

Noida, Uttar Pradesh

- Developed the App Automation Framework using Java Selenium covering the e2e journey of the product in native app.
- Developed the Complete E2E flow scripts for Embedded as well as multiple Standalone Products for automation.
- Implemented JAVA Cucumber Framework for automated testing, leading to an impressive 80% reduction in testing efforts, streamlining the development process.
- Discovered and communicated software defects, collaborating seamlessly with the development team to ensure prompt resolutions from a development perspective.
- Guided the smooth release of various user-friendly products, carefully handling the entire development process.

One97 Communications Limited (PAYTM)

January 2023 - June 2023

Software Engineer Intern

Noida Uttar Pradesh

- Worked in an Agile environment, participating in sprint planning and retrospective meetings.
- Conducted test case design, execution, and results analysis.
- Developed automated test scripts for WEB Automation using Java Selenium
- Worked on Pre-build FrameWork for Automation and added
- Implemented logging strategies within the CI/CD pipeline to track logs of multiple services involved in the project, enhancing visibility and traceability of issues throughout the development lifecycle.

DigiLocker

March 2023 - January 2023

Full Stack Developer Intern

New Delhi, Delhi

- Orchestrated the integration of various features by leveraging IONIC and fetching API data, improving user interface and experience.
- Led end-to-end development of API functionalities for user registration with NestJs, ensuring scalability, security, and seamless integration.
- Leveraged **MySQL, Redis, and Azure services**, optimizing performance and data management for real time data.
- Utilized a diverse technology stack, including **MySQL, Redis, Azure Storage, Azure Blob Storage, Azure MySQL database, and Azure Redis Cache**, to architect robust and efficient solutions for complex data storage, retrieval, and caching requirements.
- Engaged in code reviews, offering constructive feedback and contributing to ongoing enhancements of coding standards and development processes.

TECHNICAL SKILLS

- Programing Languages** - Javascript, Typescript, Python, Django, Java(Cucumber), Reactjs, NextJs, NodeJs, Html/Css
- Testing Tools** - TestNG, Postman, Selenium, Appium, Jest
- Databases** - SQL, MySQL
- Version Control** - Git, GitHub, Bitbucket

PROJECTS UNDERTAKEN

LLDS — *Lane Line Detection System Using Machine Learning*

- Designed and Developed on **LLDS(Lane Line Detection System)** that helps in detecting lanes on-road, and assists or warns the driver when the vehicle begins to move out of its lane on freeways and arterial roads.
- Coded in Python, used **CNN Model** for training, and **OpenCV** for image analysis or lane detection
- Achieved a high accuracy rate of 98.6%, enhancing the system's reliability and usability as a crucial driver's aid.
- Recognized by the prestigious IEEE at the ICICT-2022 International Conference, highlighting its significance in advancing intelligent transportation systems.

Sailani — *The Tourist Guide*

- Sailani is a team project for **Smart India Hackathon-2022** under the theme Travel and Tourism for Uttarakhand Government.
- Involved in **research and reviewing** the existing Uttarakhand website for details.
- Developed AI-based personalized user experience for the users.

Air Canva — *Object Detection Based Canva*

- Developed and designed a hand-free digital drawing air canvas project. which searches for a specific color pointer and follows the complete track to draw patterns.
- Coded in **Python**, and used **OpenCV** for detection of the color pointer.

EDUCATIONAL QUALIFICATION

ABES INSTITUTE OF TECHNOLOGY

June 2019 - July2023

Bachelor of Technology in Computer Science And Engineering (CGPA - 8.2)

ACHIEVEMENTS

- Awarded as **Rising Star , Rock Star (Paytm Insurance)**
- Top 5 Rankers** - Internal Hackathons (ABES Institute of Technology)
- Top Ranker** - Weekly Cloud Based Quiz – Organized by Azure Developer League - 2022

Published Work - [Lane Line Detection System Using Machine Learning](#)

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