

# PAYAS P RELEKAR

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Git · GitHub

## SUMMARY

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- Payas Relekar is a Software Engineer at FPL Technologies (OneCard) in Pune, India. He is an experienced software developer with 5+ years of experience and Masters in Digital Systems from Savitribai Phule Pune University. His versatile interests and experience include multiple domains and technology stacks.
- Versatile experience in developing solutions for Digital Payments, Natural Language Processing, Embedded Electronics, system administration and more.
- Demonstrated quick adaptability working across multiple domains and platforms, development as well as research, team oriented as well as independent work capability.

## SKILLS

|                        |  |
|------------------------|--|
| Languages/Technologies | Java, SQL, Bash, Python, Emacs, Nix, Docker    |
| Platforms              | Linux, NixOS, AWS (EC2, Lambda, Gateway)       |
| Databases              | PostgreSQL, SQLite                             |
| Tools                  | Git, Grep/Regex, Awk, Sed                      |
| Libraries/Frameworks   | jPOS, Spring, Hibernate, TestNG, Javalin, JDBi |

## WORK EXPERIENCE

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### FPL Technologies (Onecard)

Project : *Unified Payments Interface*

Role : *Senior Software Engineer (Backend)*

Feb 2023 - Till Date

- FPL Technologies is a Technology Service Provider for multiple banks, acting as a Credit Card issuer.
- Implemented complete backend integration for Unified Payments Interface (UPI) from scratch.
- Ownership for complete UPI integration, including Java and JDK version upgrades, build system maintenance.
- Implemented Continuous Integration and a novel test framework from scratch for the same.
- **Technologies:** Java, jPOS, Hibernate, PostgreSQL, Linux, Git/GitLab, AWS (EC2 and Cloudwatch), Docker

### ACI Worldwide, Inc

Project : *ACI Secure eCommerce*

Role : *Software Engineer (Product Development)*

Jan 2022 - Jan 2023

Role : *Associate Software Engineer (Product Development)*

Jul 2019 - Dec 2021

- ACI Secure eCommerce (formerly PAY.ON Payments Gateway/Payments Orchestration Platform) offers a white-label payment structure for omni-channel transaction processing through one payment platform: eCommerce, mCommerce and mobile point-of-sale. The payment platform is fully PCI-certified, and meets the highest technology and security standards.
- Development experience includes end-to-end feature development across multiple modules and microservices, mandate implementations across multiple connectors and APIs.
- Further experience includes incident resolution, platform monitoring and ensuring stability across the stack. Acquired strong understanding of development process, tooling, infrastructure and domain expertise.
- Ownership for customer facing whitelabel service with System administration and Service Reliability responsibilities.
- Agile (Scrum and Kanban) development experience in multiple teams on separate platform modules, including APIs, configuration, business logic, platform security and front-end.
- Received multiple accolades for customer-centricity and integrity.
- **Technologies:** Java, Spring/Spring Boot, Hibernate, PostgreSQL, Linux, Git, AWS (EC2), Docker

**ACI Worldwide, Inc**Project : *Universal Payments Framework, Universal Online Banker*Role : *Intern (Product Development)*

Jan 2019 - Jun 2019

- Universal Payments Framework (UPF) provides purpose-built payments functionality to orchestrate all aspects of payments processing for any payment type, any channel, any currency and any network.
- Developed and maintained interfaces between various payments APIs, with differing protocols such as SOAP, REST, ISO 8583, APACS etc. Acquired understanding of payments domain and API implementations.
- Implemented and extended internal test framework to interface with UPF, to allow automated test execution with simple Excel test generation. Implemented automatic test-case generation to ease on-boarding QA staff.
- **Technologies:** Java, SOAP, REST, Subversion, Bash, Git

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**OPEN SOURCE CONTRIBUTIONS****NixOS/Nixpkgs**

Jan 2021 - Till Date

*Nix, Bash, Python, Go, Rust*

- Nixpkgs is a collection of 80000+ packages and one of the most active projects on GitHub. It also describes possible configuration for a complete Linux distribution using above packages.
- Contributions include new and ongoing maintenance of multiple packages, implemented in different languages.

**GNU Emacs**

Sep 2022 - Till Date

*Emacs-Lisp, C, TexInfo*

- GNU Emacs is an extensible, customizable and free/libre text editor built on top of Lisp dialect evaluator.
- Contributions include new Elisp packages and development tooling.

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**ACADEMIC PROJECTS****Sarcasm Detection using Machine Learning**

Jan 2019 - Jun-2019

*Python, Pytorch, SpaCy, sklearn, Pandas, Numpy***Magnetic Levitation using Real-time PID**

Jan 2016 - Jun 2016

*C, Arduino*

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**PUBLICATIONS****Survey of Machine Learning for Sarcasm Detection**

2019

*International Journal of Engineering, Research and Technology***Magnetic Levitation using Real-Time PID**

2016

*National Conference for Students in Electrical and Electronics Engineering, VIIT*

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**EDUCATION**

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| <b>Master of Engineering</b> (Electronics) in Digital Systems<br>Pune University      | 8.48    |
| <b>Bachelor of Engineering</b> in Electronics & Telecommunications<br>Pune University | 62.5 %  |
| <b>HSC</b><br>Maharashtra State Board   | 59.17%  |
| <b>SSC</b><br>Maharashtra State Board   | 93.07 % |