

Pune, India
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Amar Prakash Pandey

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Experience

Software Consultant

Sahaj.ai

March 2021 – Present

Pune, India

- Built and optimized data systems for extraction, storage, and processing at scale.
- Skilled in Apache Airflow and Spark for data pipelines and performance.
- Optimized Spark job, reducing runtime by 98% and cutting costs by 90%.
- Upgraded tools and reduced storage costs through data analysis.

System Engineer

Tata Consultancy Services

September 2017 – October
2019

Chennai, India

- Created RESTful service to operate and handle a large amount of data in less time.
- Configured Continuous Integration and Deployment for the project using Jenkins and Gitlab.

Software Developer Intern

Google Summer of Code

May 2017 – August 2017

Remote

- Improved the overall UI by implementing a spreadsheet interface for adding students in a course.
- Created and executed automated software test scripts to uncover and identify software problems.

Skills

- Languages: Java, Python, Scala
- Databases: MySQL, Postgress
- Tools/Frameworks:: Apache Airflow, Apache Spark, Spring Boot, Micronaut
- Cloud Technologies: AWS - S3, EMR, ECS, ECR, Lambda, RDS

Projects

- **Chat Rooms** (<https://github.com/amarlearning/chat-rooms>) Real time public/private chat application using spring boot web-sockets. Java 8, Spring Boot, Websockets
- **Finger Detection and Tracking** (<https://github.com/amarlearning/Finger-Detection-and-Tracking>) Tracking the movement of a finger in the real-time video frame. Python, OpenCV
- **Github Sectory** (<https://github.com/amarlearning/Github-Sectory#github-sectory>) CLI application for downloading sub-directory of any Github repository using Github Content API. Python

Achievements

- Received multiple commendations from team members for assisting with projects, building useful tools, and consistently going above and beyond at Sahaj.ai
- Completed Google Summer of Code in 2017 by working on Teammates project by the National University of Singapore.
- Recipient of the Star Performer Award for delivering the Best Project at TCS
- Over 20+ people have used Finger Detection and Tracking project in their research work and over 50,000+ people have cloned this project on Github.
- As of now, the GitHub Sectory package has been downloaded by over 100K+ users via pip.