

PAWAS AGGARWAL

Software Engineer

☎ +91-9355220966

@ pawas.agrwl@gmail.com

📍 New Delhi, India

🌐 [Website](#)

in [Linkedin](#)

🐙 [Github](#)

</> [Leetcode](#)

EXPERIENCE

Associate Software Engineer

[Digital Management, Inc.](#)

📅 August 2022 – April 2023

📍 Indianapolis, USA

- Developed user-friendly webpages in **TypeScript** & **React** using Visual Studio for a Healthcare Insurance Portal.
- Maintained 2+ code repositories through **Azure DevOps** and **Git**, ensuring timely completion of user stories by closely reviewing acceptance criteria.
- Reviewed 3+ teammates' **pull requests** weekly, providing constructive feedback to enhance code quality.
- Analyzed 3+ **MS SQL Databases** using **Aqua Data Studio**, troubleshooting data inconsistencies to ensure accuracy.
- Created detailed TypeScript **documentation** for webpage components using **Azure DevOps** and **Markdown**, streamlining front-end & back-end communication.

Software Engineer Intern

[Digital Management, Inc.](#)

📅 May 2022 – August 2022

📍 Indianapolis, USA

- Enhanced development process by adding IDs to 5+ **React** webpage elements using **TypeScript** and **Visual Studio Code**, increasing QA testing efficiency.
- Refactored 3+ **API** using **Git** response classes removing deprecated code and ingesting automated clients.
- Automated **API client** generation for 20+ portal models with **OpenAPI** and **NPM**, eliminating manual creation.

Mobile Application R&D Intern

[Center for Research and Learning, University](#)

📅 June 2020 – July 2020

📍 Indianapolis, USA

- Developed bug-free mobile application components in **React** with **Firebase** integration, deploying to both **Android** and **iOS** using Visual Studio Code and GitHub.
- Analyzed **research** data from peer-reviewed articles to determine the optimal **app design**.
- Conducted surveys with 50+ students using mobile application **test runs** to identify and resolve bugs and **errors**.

ACHIEVEMENTS

- Demonstrated strong problem-solving skills by solving over **200 questions** on [LeetCode](#), [HackerRank](#), and [GeeksForGeeks](#).
- Successfully acquired [SAFe 5 Certification](#), demonstrating advanced understanding of Scaled Agile Framework.
- Attained a prestigious [5-Star Rating in Problem-Solving](#) and [Python](#) on HackerRank, reflecting superior coding abilities.
- Recognized as one of the **Top 100 Students** (out of 30,000 students) by the university for exceptional academic performance in 2021-2022.

EDUCATION

BS (Computer Science) - 9.55 CGPA

Purdue University, USA

📅 2019-2022

📍 Indianapolis, USA

Higher Secondary - 94%

Rukmini Devi Public School

📅 2018

📍 Pitampura, Delhi

Secondary - 10 CGPA

Rukmini Devi Public School

📅 2016

📍 Pitampura, Delhi

PROJECTS

[DMetroVerse](#) | [Github](#)

- **ReactJs** | **TypeScript** | **Node.js** | **Express.js** | **TailwindCSS** | **Fly.io**
- Developed a web application integrating the unofficial Delhi Metro Rail API, enhancing user utility beyond transportation.
- Implemented functionalities like multi-station route finding & real-time food availability tracking.

[artistAPI](#) | [Github](#)

- **Python** | **Django** | **RESTful API** | **Fly.io**
- Engineered a secure, RESTful API, allowing CRUD operations on artists and their works with token-based authentication.
- Implemented endpoints for flexible data retrieval like filtering artists by name, or works by type, increasing the API's usability.

TECHNICAL SKILLS

• Programming Languages

- Python
- JavaScript, Java
- C/C++, C#

• Frameworks & Libraries

- ReactJS, TypeScript, NodeJS, ExpressJS
- MongoDB, MySQL,
- Bootstrap, TailwindCSS, Material UI
- Django, Selenium

• Tools

- Git, GitHub
- Heroku
- Postman
- Visual Studio, VS Code