

Saaheer Roopesh Purav

PROFILE

Dedicated and versatile Full Stack Developer with expertise in creating web, desktop, and mobile applications.

Proficient in a wide range of technologies and frameworks, with a proven track record of delivering high-quality software solutions and only positive reviews.

Committed to continuous learning and staying updated with the latest industry trends.

CONTACT

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GitHub:

<https://github.com/saaheerpurav>

LinkedIn:

<https://www.linkedin.com/in/saaheer-purav>

EDUCATION

Manipal Institute of Technology, Bengaluru

R.N. Podar School

Grade XII – 87 %

Greenlawns School Worli

Grade X – 95.83 %

WORK EXPERIENCE

Lead Web Developer at SmaxFusion, Internship

December 2024 – Current

- Worked on building the InternLoom (by SmaxFusion) website
- Integrated technologies like Next.js, Next Auth and AWS S3
- Oversaw the development, coordinated communication and organized meetings
- Decided on the technologies and infrastructure to be used on the website

Freelancer at Fiverr

February 2022 – Current

- Built and sold custom desktop applications to clients from the United States, France, United Kingdom and Poland for Windows, MacOS and Linux operating systems.
- Utilized Python, Nodejs and Electron to build desktop applications with React on the frontend.
- Built admin panels and dashboards using React, PostgreSQL and hosted on Heroku.

SKILLS

Front-End: HTML, CSS, JavaScript, React, Tailwind CSS

Back-End: Node.js, Express, Flask, Electron

Mobile: React Native, Flutter

Databases: MySQL, PostgreSQL, Firebase

Languages: Python, JavaScript, Dart

Tools: Selenium, Git, OpenAI, OpenCV, Docker, Pandas, LlamaIndex

Cloud: AWS, Google Cloud, Vercel

ACTIVITIES

Head of Open Source

CodeX Club (December 2024 – Current)

Head of Web Development

MBOSC Club (November 2024 – Current)

Vice Head of IT

RADAR Club (November 2024 – Current)

PROJECTS

School Management App (<https://github.com/saaheerpurav/school-management>)

- Developed a school management app in Flutter that facilitates communication and cooperation between a school administrator and teachers.
- Used Firebase for file storage, database and authentication. Implemented auto-triggering notifications.

Embeddable Chatbot (<https://github.com/saaheerpurav/chatbot>)

- Developed a chatbot using Flask and LlamaIndex. Designed UI with Tailwind CSS, making it integrable into any website as an iframe for seamless user experience.

Leveraged Docker to containerize the application and hosted on Google Cloud Run for deployment. Used AWS S3 to store vector data and client documents, ensuring reliable and secure data storage.

Real-time Web Chat (<https://realtime-web-chat.glitch.me>)

- Built a real-time web chat application that enables seamless communication among users in chat rooms.
- Utilized web sockets for real-time communication and MySQL to store user accounts and chat room data.
- Developed a robust backend to handle socket connections and authentication with Python and Flask. Used HTML / CSS on the frontend.

Cross Platform File Sharing Desktop App (<https://fyldrop.com>)

- Built a desktop app to share files to any device connected on a local network wirelessly, simply by scanning a QR code.
- Utilized Electron on the backend along with an Express server to serve user selected files on the local network and generate QR codes for the localhost URL. Built frontend using React
- Available for download globally on Windows, Mac and Linux operating systems with 100+ active users.

Online Side-by-Side PDF Comparison Tool (<https://pdf-compare.vercel.app>)

- Built a PDF comparison tool to compare PDF documents side-by-side instantly, highlighting the created, deleted and modified lines.
- Designed a Flask backend to parse and compare textual content of PDFs and built frontend using React. Utilized Firebase File Storage to store PDF outputs.
- Hosted on Vercel and available for use globally.

Excel to PDF

- Built a web app that reads an excel file and fills the data in a desired PDF template.
- Designed an admin dashboard in HTML/CSS/JS to manage users using the web app, storing accounts in a PostgreSQL database.
- Sold to client from United States for \$120.

Custom Integrated Development Environment (IDE)

- Built a desktop app to write, edit and run code for a specific programming language.
- Utilized Electron to spawn a python child process that runs the code for the language, and channels the output back to Electron
- Sold to client from United States for \$260.

Real-time Stock Charting

- Built a desktop app to fetch real-time stock data and display it as a candlestick graph.
- Utilized Finnhub to get real-time stock updates and indicators to predict stock movement.
- Sold to client from Congo for \$180.

Instagram Automation

- Built a desktop app to run a python script that logs in to Instagram and leverages integrated ChatGPT to comment on posts, reply to comments as well as direct messages.
- Utilized Python Selenium to automate Instagram authentication, navigation and commenting.
- Sold to client from United States for \$435.

JSON/XML IDE with Drag-And-Drop

- Built a custom integrated development environment (IDE) customized for JSON and XML files using Electron and React.
- Implemented drag-and-drop code blocks to build JSON or XML structures, with ability to switch to code.
- Sold to client from United States for \$370

Outlook-Synced Meeting Scheduler

- Built a desktop app that syncs with a user's Microsoft account to schedule meetings on their outlook calendar, using Electron.
- Implemented Microsoft Sign In using OAuth and React on the frontend.
- Sold to client from United States for \$870