Siddhanta Gupta

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Full-Stack Software Engineer with 3+ years of experience.

SKILLS

Languages - JavaScript (ES6+), Python
Backend – Node.js, Express.js, Django, MongoDB, SQL, Redis
Frontend – HTML5, CSS3, React.js
Other – Docker, AWS, Firebase, Linux, Git

WORK EXPERIENCE

Software Engineer – Styldod, Inc. (08/24 – Present) (Bengaluru, Karnataka)

- Engineered mission-critical updates:
  - payment gateway to automate tax compliance and financial reporting.
  - Auth of existing applications.
- Led backend development for a full-scale **product revamp** for a modernized user experience.
- Owned and developed marketing pipeline that generates and distributes data-driven infographic emails, increasing **customer engagement**.
- Built a suite of internal analytics tools for the operations team to make data-backed decisions.
- Developed notification service with FCM to reduce email **costs**.
- Refactored, Improved and Bumped **legacy** code bases improving system stability.

Software Engineer – Bitkraft Technologies (09/21 – 10/22 and 07/23 – 03/24) (Remote)

- Modified and fixed bugs in **open source** libraries - Skulpt, Mayan, H5P, Scratch, Small Basic.
- Managed the architecture, deployment, and maintenance of projects on **AWS**.
- Designed and Implemented **database schemas** for the projects.
- Contributed to architecture and built multiple projects from scratch.
- Contributed to improving delivery speed and quality by scripts, boilerplates and checklists.
- Fixed major **security issue** - isolated server filesystem from user shell using docker.
- Served as a point of contact for jr. devs to help with problem solving, and other tech queries.
- Improved the HTML and CSS UI layouting to make UI look cleaner.

Software Engineer – Squareboat (10/22 — 04/23) (Gurugram, Haryana)

- Integrated Mediapipe's holistic solution for pose and hand for Images and Videos.
- Developed following lambdas and deployed them as docker containers using AWS ECR:
  - Transcode videos to **m3u8** streams using AWS MediaConvert.
  - Splitting videos using **MoviePy** and **ffmpeg.**
  - Compress images for storage using Python Imaging Library (PIL).

FOSS and OTHER PROJECTS

Windows Workspaces ([Link](#)) - AHK Script that provides i3wm style keybinds on windows 11.
Advent of Code ([Link](#)) - An annual set of Christmas-themed computer programming challenges.

EDUCATION

Bachelor of Commerce (honors) | 2020 | Dayalbagh Educational Institute, Agra | CGPA – 7.70