Soham Swarup Dutta

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Education

Vellore institute of technology — Vellore, TN

B. Tech, Computer Science and Engineering - CGPA: 8.97 — *2023 – 2027*

Experience

Junior Core Committee member — July 2024 – July 2025

Center for social entrepreneurship and development — *VIT Vellore Club*

- Coordinated planning and execution of workshops and events focused on social entrepreneurship and innovation
- Collaborated with cross-functional teams to manage logistics, outreach, and participant engagement
- Assisted in designing and curating content for entrepreneurship-focused learning sessions
- Contributed to ideation and evaluation of student-led social impact projects
- Supported core committee members in operational and administrative activities of the club

Projects

Gitlytics | *Python, Flask, React, PostgreSQL, Docker* — June 2020 – Present

- Developed a full-stack web application using with Flask serving a REST API with React as the frontend
- Implemented GitHub OAuth to get data from user's repositories
- Visualized GitHub data to show collaboration
- Used Celery and Redis for asynchronous tasks

Simple Paintball | *Spigot API, Java, Maven, TravisCI, Git* — May 2018 – May 2020

- Developed a Minecraft server plugin to entertain kids during free time for a previous job
- Published plugin to websites gaining 2K+ downloads and an average 4.5/5-star review
- Implemented continuous delivery using TravisCI to build the plugin upon new a release
- Collaborated with Minecraft server administrators to suggest features and get feedback about the plugin

Technical Skills

Languages: Java, Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS, R
Frameworks: React, Node.js, Flask, JUnit, WordPress, Material-UI, FastAPI
Developer Tools: Git, Docker, TravisCI, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse
Libraries: pandas, NumPy, Matplotlib