Siva Prakash Kumar

Coimbatore

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Education

Southwestern University   Georgetown, TX
Bachelor of Arts in Computer Science, Minor in Business   *Aug. 2018 – May 2021*

Blinn College   Bryan, TX
Associate's in Liberal Arts   *Aug. 2014 – May 2018*

Experience

Texas AM University   **June 2020 – Present**
Undergraduate Research Assistant   *College Station, TX*

- Developed a REST API using FastAPI and PostgreSQL to store data from learning management systems
- Developed a full-stack web application using Flask, React, PostgreSQL, and Docker to analyze GitHub data
- Explored ways to visualize GitHub collaboration in a classroom setting

Projects

Gitlytics   **June 2020 – Present**

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

Achievements

Best Undergraduate Research Award

- Awarded for outstanding research in computer science department
- Focused on machine learning and data analysis

Profile Links

Github   LinkedIn   HackerRank

Technical Skills

Languages: Java, Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS, R

Frameworks: React, Node.js, Flask, JUnit, WordPress, Material-UI, FastAPI