Chetan Alla

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EDUCATION

University of Maryland—College Park, MD   Expected May 2023
Bachelor of Science, Computer Science and Mathematics
Cumulative GPA: 4.0

SKILLS

Programming Languages: Java, C++, Python, Javascript, Typescript, HTML, CSS, Swift.
Frameworks: React, Angular, Spring, Git, Swift UI.

WORK EXPERIENCE

Seygen Technologies   Jun-Aug 2019
Software Engineer Intern   Arlington, VA
- Secured Seygen projects by utilizing Java and Spring Security to implement user authentication and encryption when writing to a database.
- Implemented new features, functionality, and designed/developed views for web apps.
- Collaborated with my team members to effectively deploy web apps onto live tomcat servers.

Seygen Technologies   Jun-Aug 2018
Software Engineer Intern   Arlington, VA
- Developed and tested a full-stack web app to digitize Seygen's asset tracking utilizing Java, Spring, Hibernate, and a SQL server.
- This web app uses the MVC design pattern which relies on REST api to query the SQL database.
- Locally deployed this web app onto a tomcat server which is still used by Seygen today.

PROGRAMMING PROJECTS - Github: https://github.com/allachetan

Personal Project   Jan 2021
Nav Weather
- Developed a web app to show the weather along a navigation route.
- Shows both the overall weather and the weather at a specific part of a navigation route. Colors a part of the route based on the weather conditions in that specific area. Data shown are temperature, precipitation, precipitation chance, wind speed, and ice accumulation.
- Built using React and utilizes Google Maps API and Weather.gov API.
- Demo: https://chetanalla.com/NavWeather/

Personal Project   Jul-Aug 2020
Project Management Web App
- Developed a single-page web app to manage and plan a project. It allows users to interactively break a project into sub parts and create tasks to complete.
- All changes in the web app are automatically saved to a database on AWS RDS.
- Utilizes Angular, Spring, JWT Authentication, AWS Beanstalk and RDS.
- Demo: https://chetanalla.com/Project-Manager/

Personal Project   Jan 2020
Program to keep a usb & Google Drive folder in sync
- Developed a Java application that downloads all missing files from a Google Drive folder to a usb. It automatically opens a browser to sign into a Google account with permissions to access the specified folder if necessary.
- Utilizes Java and Google Drive API and runs as a jar file.
- Repo: https://github.com/allachetan/Google-Drive-and-USB-Sync