

Kunal Roy Choudhury

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EDUCATION

SRM Institute of Science and Technology

Bachelor of Technology in Computer Science and Engineering; CGPA : 9.3

Kattankulathur, Tamil Nadu

Aug. 2020 – May 2024

PROJECTS

Github Webscraper | *HTML, JavaScript* Link

June 2022- July 2022

- A Javascript-based web scraping tool for extracting data from GitHub repositories
- Uses the Requests and BeautifulSoup libraries to access and parse HTML pages
- Offers a range of data extraction options, including repository details, commit history, contributor information, and open issues
- Offers options for customizing output, such as filtering by date range or limiting results to top contributors

EBooking WebApp | *HTML Javascript, ReactJS, NodeJS, MongoDB, Git* Link

May 2022 – July 2022

- Developed a web-based application for booking and managing appointments using a full-stack technology stack that included HTML, JavaScript, ReactJS, and NodeJS.
- Utilized a RESTful API architecture to facilitate communication between the client-side and server-side components of the application
- Configured the backend server using NodeJS, ExpressJS, and MongoDB, including implementing authentication and authorization using JSON Web Tokens (JWTs)
- Demonstrated proficiency in full-stack web development, including client-side and server-side programming, RESTful API design, database management, and deployment

File-System Organiser | *HTML, JavaScript, NodeJS*

Aug 2022- Sept 2022

- Developed a command-line tool for organizing files using Node.js, a popular JavaScript runtime environment
- Designed the file organiser to be efficient and customizable, with options for sorting files by name, extension, date, and other criteria
- Utilized the Node.js File System (fs) module to access and manipulate files and directories on the local file system
- Demonstrated proficiency in JavaScript and Node.js, as well as file system management and command-line interface development

Github Bot | *Python*

Sept 2022- Nov 2022

- Developed a Python-based bot for automating commits to GitHub repositories on a regular schedule
- Utilized the GitHub API to access and update repositories, and the GitPython library to manage local Git repositories
- Designed the bot to be flexible and customizable, with options for specifying the frequency and content of commits
- Implemented error handling and logging features to ensure reliable and secure operation of the bot

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL, JavaScript, HTML/CSS

Frameworks: React, Node.js, Flask, WordPress, Material-UI, MongoDB, ExpressJS

Developer Tools: Git, Docker, TravisCI, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse, Postman API, Firebase

Libraries : NumPy

CERIFICATIONS

AWS Academy Graduate - AWS Academy Cloud Operations

Oracle Database Foundations

Private Cloud Management on IBM Power Systems

Linux System Administration with IBM Power Systems