

Sumit Sehrawat

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EDUCATION:

Bachelor's, Computer Science

Spring 2024

New Jersey Institute of Technology, Newark, NJ, USA

GPA: 3.4/4.0

- Awards: Dean's list all semesters, NJIT Academic Merit Scholarship
- Coursework: Data Structures and Algorithms, Object Oriented Programming, CS Fundamentals, Operating Systems, Embedded Systems/Firmware, Sensor Signal Postprocess, Android Platform, Machine Learning, Deep Learning, Backend, Large-scale Systems, Data Science, Full-Stack, UX Design, Mobile Application Development.

TECHNICAL SKILLS:

Programming Languages: Python, C++, Objective-C, C#, JAVA, .NET, JEE Kotlin, Bash, PHP, React, Swift.

Web Development Technologies: HTML, XML, CSS, JavaScript, ReactJS, JSON, Node.js, RESTful, AngularJS.

Public Cloud Infrastructure and Networking: AWS, Azure, Google Cloud, TCP/IP, MongoDB.

Technologies: SQL, No-SQL, MongoDB, RPA/Robotics, UI Path, SaaS, Hadoop, SPSS.

Other: iOS, Android, AngularJS, Docker rkt, Ionic Familiarity, Source Control, GIT.

WORK EXPERIENCE [Co-op/Internship]:

Software Development Intern - New Jersey Judiciary

01/17/2023 – 04/15/2023

(Veterans Courthouse, Newark, NJ 07102)

- Developed a Public Reports purchase store which automated the process of purchasing case reports from Civil, Criminal, Municipal Judgements.
- Reduced the manual work of different court departments by 80% using the Public Reports Purchase Store.
- Designed interface using HTML, CSS, and JavaScript and deployed web application using Apache Tomcat server.
- Used Debugging tools to effective error identification.
- Worked in Agile Software Development Methodologies.
- Integrated with AWS to retrieve more than 100 reports from the S3 bucket.
- Integrated payment types such as Credit Card and Net Banking.

Application Development Intern - ADP, Inc.

06/06/2022 – 08/12/2022

(71 Hanover Rd, Florham Park, NJ 07932)

- Developed an interface which authenticates and fetches data from Bitbucket repositories and exports as CSV files.
- Implemented Web interface using Node.js, Next.js and React.
- Automated the storing of data from confluence pages to JSON files reducing the manual work of developers by 70%.
- Built 5 Backend RESTful APIs (Application Programming Interface) following Scrum and Agile Environment Development.
- Demonstrated expertise in Test Driven Development Methodologies, creating over 15 test cases using Testing framework: JEST.
- Worked in pair programming with peers and collaborated with different teams.

ACADEMIC PROJECTS:

Expense Tracker Project

- Implemented a secure user registration and login system using PostgreSQL's authentication features.
- Utilized PostgreSQL to create a table storing different expense categories.
- Utilized SQL queries to enable users to add, edit and delete their expense entries.

File Transfer Application

- Developed an application using TCP/IP protocols, which allowed used to conveniently send and receive files over a network.
- Utilized Socket Programming to handle network communication, establishing connection.

LEADERSHIP IN SCHOOL:

- Co-Founder of a College Club (Minds+): helped students deal better with Exam stress and Anxiety.
- Secretary at Greek fraternity (PHI SIGMA KAPPA): managed fund raising and philanthropy events.

VALUES AND ABILITIES:

- Skilled at swiftly deciphering requirements and problems to propose actionable solutions.
- Adept in teamwork, with outstanding communication and organizational abilities.
- Proficient in crafting clear and comprehensive documentation.
- Maintains meticulous attention to detail in all aspects of work.
- Knowledgeable in Cloud Services with proficient use of JavaScript for development.