

PRASHANT SAH

prashantsah567@gmail.com | 929-343-0169 | New York, NY (Willing to Relocate) | [GitHub](#) | [LinkedIn](#)

Education

CUNY (City Tech) – New York, NY

Aug 2022 – Dec 2023

Bachelor of Technology (BTech) - Computer System (Software Development), GPA – 3.88

Relevant coursework: Data Structure and Algorithm, Application Development with Database (Java, Oracle DB), Dynamic Web Development (JSP & Servlet), Object Oriented Design, Software Development with .NET, Intro to NoSQL, Project Management

CUNY (LaGuardia CC) – New York, NY

Sept 2020 – Jun 2022

Associate in Applied Science (AAS) – Programming and Software Development, GPA – 3.97

Relevant coursework: Web Development I & II, Database Concept and Programming (MySQL), Object Oriented Programming, Unix Network Operating System, Advance C++ Programming, System Analysis and Design, App Development for Android & IOS

Technical Skills

Languages – Java (including Beans, JSP & Servlet), Python, C++, C#, JavaScript, NodeJS, PHP, HTML, CSS

Framework & Tools – React, .NET, Spring Boot (familiar), Git, SDLC, Agile, Docker, CI/CD, TDD/BDD, REST APIs, AWS

Databases & Architecture – SQL, MySQL, MongoDB, Redis, Microservices, MVC, OOP

Soft Skills

Positivity, Dependability, Mastery, Adaptability, Creativity, Analytical, Collaborative, Effective Communication

Professional Experience

Comcast - ERP Tech Intern | New York, NY

June 2023 – Aug 2023

- Specialized in video dimension ad request prediction and viewership forecasting by successful utilization of AWS technologies (S3, Athena - SQL, Glue), and Terraform that led to the development of QuickSight dynamic dashboard
- Achieved 83% code coverage by writing comprehensive test cases using unittest and pytest frameworks, ensuring the accuracy of data retrieval and metrics calculation
- Automated ETL processes using Python, boosting efficiency by 20%, enhancing data processing speed and accuracy

Startup Ecology – Software Engineer Intern | New York, NY

June 2022 – Aug 2022

- Developed an engaging game with JavaScript and React Framework, effectively highlighting the company's culture and services while maintaining clean and well-documented code
- Elevated promotional efforts with the interactive game, prioritizing seamless user experience, ensuring code reliability through React Testing Framework, and strategically engaging potential clients and partners

CRSP - Researcher (Outlier Detection using ML Techniques - [View](#)) | New York, NY

Sept 2021 – Aug 2022

- Designed and implemented a machine learning model using ensemble techniques and unsupervised methods to detect outliers with an accuracy of up to 93% for data from Wireless Sensor Networks
- Lead author of a published academic paper of this research

Projects

Student Enrollment System (Java EE, JSP & Servlet, MySQL, MVC - [View](#))

- Orchestrated the development of a robust Java-based Enrollment System, leveraging advanced Java Servlets and JavaServer Pages (JSP) to create a seamless and secure user experience
- Crafted intricate MVC architecture, ensuring a modular and scalable codebase, fostering maintainability and extensibility
- Integrated MySQL as the backend database, optimizing data interactions with JDBC for performance and reliability
- Implemented advance features, including user authentication, registration, and dynamic course enrolment following industry best practices, resulting in a highly functional, secure, and responsive web application

Auto Rental Management System (C#, .NET Framework, MySQL - [View](#))

- Designed and developed a 4-tiered server-client 'Auto Rental Management System' following Agile methodology
- Developed a thorough project document, including requirements, conceptual model, logical model, and data dictionary and finally utilized the documentation to implement the database and validate the physical schema design
- Developed the UI/Presentation, Business Class and Data Access layer using C# and .NET Framework

Leadership & Affiliation

RippleMatch | Leadership Development Intern | Remote

Mar 2023 – May 2023

CodePath | Web Development Fellowship | Remote

Feb 2023 – Apr 2023